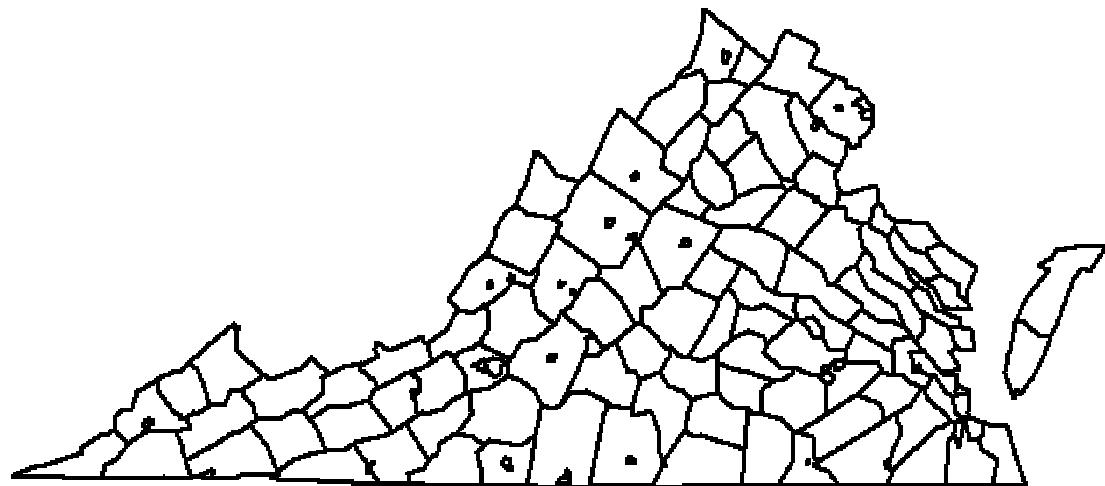


The Health of Minorities In Virginia, 1999

A Report on Vital Events



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A Report on Vital Events

**Virginia Department of Health
Center for Health Statistics and Office of Health Policy and Planning
Richmond, Virginia**

February 2002



Acknowledgements

Accurate and reliable data help policymakers, health care professionals, and consumers make informed decisions about health policy and personal health. The State Health Department is charged with providing information and data on the health status of Virginia's 6.7 million persons.

The State Health Commissioner's Minority Health Advisory Committee provided the original recommendation to make this and previous Minority Health Data Reports possible.

The staffs of the Virginia Department of Health's Center for Health Statistics and the Office of Health Policy and Planning worked collaboratively to prepare this report. A special thanks to policy and planning specialists Robert Magnotti and Melinda Haddon for compiling the data in this report. Final report preparation was completed by Cecilia E. Barbosa, MPH, MCRP, consultant to the Virginia Department of Health.

Copies of this publication available for \$5.00 by writing:

Virginia Department of Health
Center for Health Statistics
P.O. Box 1000
Richmond, Virginia 23218-1000
804-662-6276

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Executive Summary

The purpose of this report is to present data on minority populations from vital records (birth, fetal death, and death) and to provide an analysis of these data. While the report is not a comprehensive assessment of the health of minority citizens in Virginia, it does provide an important component of this analysis.

In 1999, the racial minority population in Virginia consisted of blacks (20.1%), Asian/Pacific Islanders (3.8%), and Native Americans (0.3%). Hispanics/Latinos (who may be of any race) constituted 3.9% of the population.

Highlights of the 1999 report include:

- Hispanic/Latino women had the highest birth rate (24.6/1,000 population); 7% of newborns were of Hispanic/Latino descent.
- Nearly two-thirds of black infants and over one third of Hispanic/Latino babies were born to mothers who were unmarried at the time of birth.
- Over two-thirds of Asian/Pacific Islander mothers had at least one year of college education. By contrast, only 28% of Hispanic/Latino mothers attained this level of education.
- Nearly 20% of Hispanic/Latino mothers had six or fewer years of education.
- The percent of black low-weight births was nearly twice that of whites and more than twice that of Hispanics/Latinos.
- Less than three-fourths of black and Hispanic/Latino women obtained prenatal care in the first trimester of pregnancy compared to over 80% of the other groups.
- Tobacco use during pregnancy was reported as being highest among white mothers, followed by Native American and black women.
- Black women experienced the highest rates of natural fetal death, induced termination of pregnancy, and infant mortality.
- Teenage pregnancy rates were highest among black and Hispanic/Latino youth.
- The major causes of death for all racial/ethnic groups were heart disease and cancer.

Introduction

The Virginia Department of Health continues to improve the health information available to Virginia's policymakers, health care providers, consumers, and researchers in the Commonwealth. These actions are consistent with the primary public health goals related to assessment, data analysis, and evaluation. They also respond to the demand for accurate and reliable health information, and help to determine a true picture of the health and wellness of Virginia's 6.7 million residents. These data are vital in community efforts to eliminate the health disparities that exist among racial and ethnic populations in the Commonwealth.

In the early 1990s, the State Health Commissioner's Minority Health Advisory Committee recommended that Virginia health statistics be collected and reported by racial and ethnic groupings, with particular focus on minority populations. These minority populations include the races black/African-American, Native American/American Indian, and Asian/Pacific Islander, and the ethnicity Hispanic/Latino. The enhanced data sets would improve the documentation of health statistics for all Virginians, and provide the critical measurements for evaluating health outcomes for the state's diverse populations. The department responded with the first ***Virginia Minority Health Data Report*** that provided vital statistics (birth, fetal death, death) data for the year 1995 for the four minority groups. Information on whites was provided for comparative purposes.

This fifth edition of the Minority Health Data Report covers the calendar year 1999. It provides vital statistics data by minority group for each health district (and city/county) within Virginia. The purposes of this report are to present data on minority populations from vital records and provide an analysis of these data. While the report is not a comprehensive assessment of the health of minority citizens in Virginia, it does provide an important component of this analysis. Charts and graphs are used to illustrate comparisons. For the tables in this report, the following designations are used to represent racial and ethnic groups:

Black = Black/African-American
AEA = American Indian/Native American
API = Asian/Pacific Islander
Hispanic = Hispanic/Latino

This report is made possible by the commitment of the staffs of the Center for Health Statistics and the Office of Health Policy and Planning at the Virginia Department of Health. Our hope is that the information in this report will prove to be a useful tool for policymakers, health care providers, researchers, consumers and the general public.

Methodology

Population data are 1999 post-censal estimates from the ***U.S. Census Estimates of Virginia*** published by the U.S. Bureau of the Census. The population estimates are used to calculate birth, fetal death, death, and pregnancy rates (see Definitions and Formulas). These estimates are provided by Hispanic ethnicity, race (black/African-American, Asian/Pacific Islander, and Native American/American Indian), age, and gender for each city and county in Virginia.

All vital events - births, deaths, fetal deaths, and induced terminations of pregnancy – are reported to the Center for Health Statistics at the Virginia Department of Health and constitute the number of such events to people residing in Virginia. In this report, events are presented by city or county of residence rather than by place of occurrence of the event.

For all data presented, persons of Hispanic origin can be of any race. Conversely, persons listed as white, black/African-American, Native American/American Indian, or Asian/Pacific Islander can be of Hispanic/Latino or non-Hispanic/Latino origin. Those indicating “other” or “unknown” race or ethnicity are not shown separately but are included in the totals.

Locality data have been omitted in some categories in order to protect confidentiality and/or where very few instances occur.

Cautionary Note on Interpretation of Numbers/Rates In some cases, the numbers of events or the size of the population is very small and is thus subject to random fluctuations. Such random fluctuations can result in rates that are misleading.

The following guidelines are offered:

- ◆ There should be at least 200 live births in the designated group (denominator)
- ◆ There should be at least 20 events (e.g. pregnancies, births, deaths) in the numerator

Should these conditions not be present, readers should aggregate numbers from multiple localities for a given year or from multiple years for a given locality.

Population

The population for Virginia increased over 1% to 6,872,912 in 1999 from 6,791,345 in 1998. Blacks at 1,384,651 (20.1%) continue to be the state's largest minority population. The Asian/Pacific Islanders were 3.8% (258,371) of the total population. The Native American population numbered 19,396 individuals, or less than one percent of the population. In terms of ethnicity, the Hispanic population constituted 3.9% (266,228) of the population (Chart 1).

Chart 1A: Estimated Population by Race Virginia, 1999

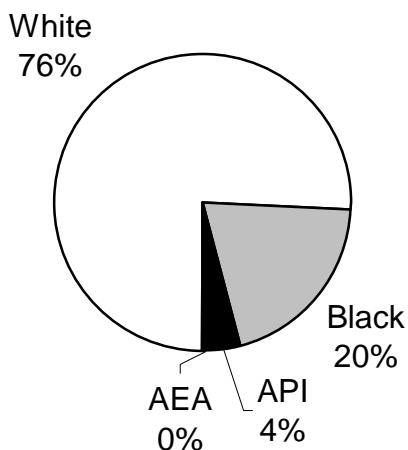
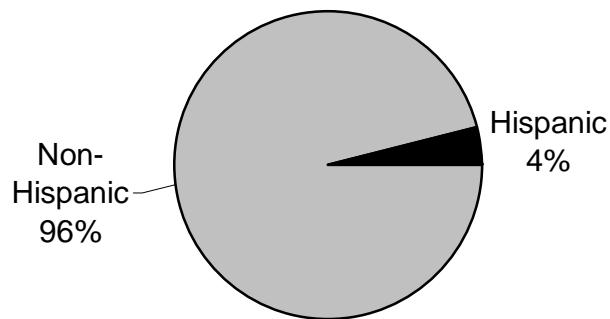


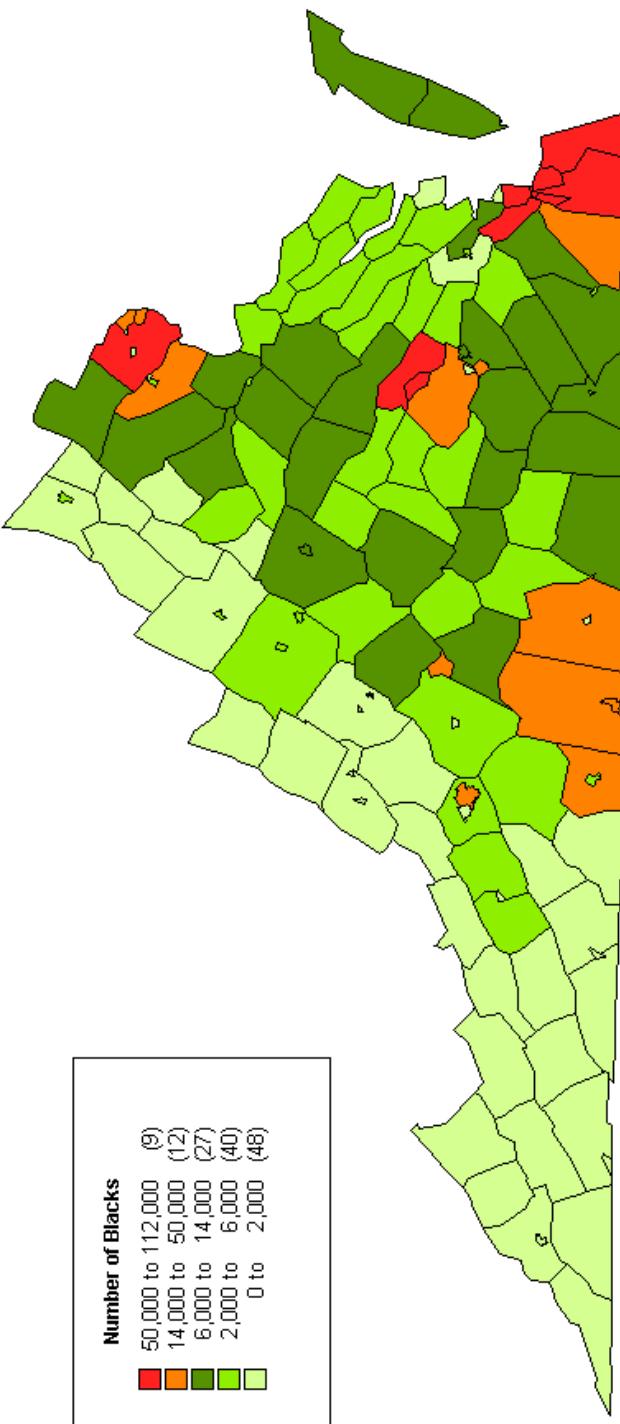
Chart 1B: Estimated Population by Ethnicity Virginia, 1999



Source: Virginia Center for Health Statistics

The geographical distribution of the racial/ethnic groups in Virginia is shown in Charts 2A – 2D.

Chart 2A - Black Population by Locality, Virginia, 1999



Virginia Center for Health Statistics

Chart 2B - Native American Population by Locality, Virginia, 1999

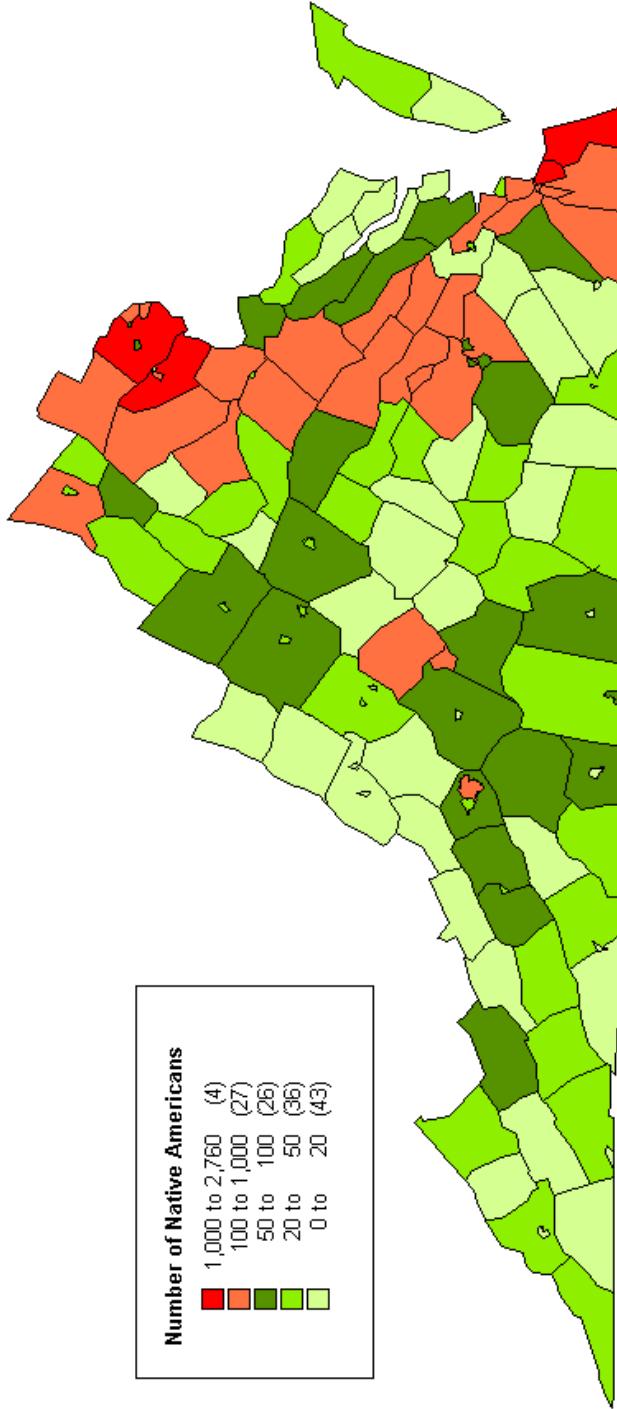
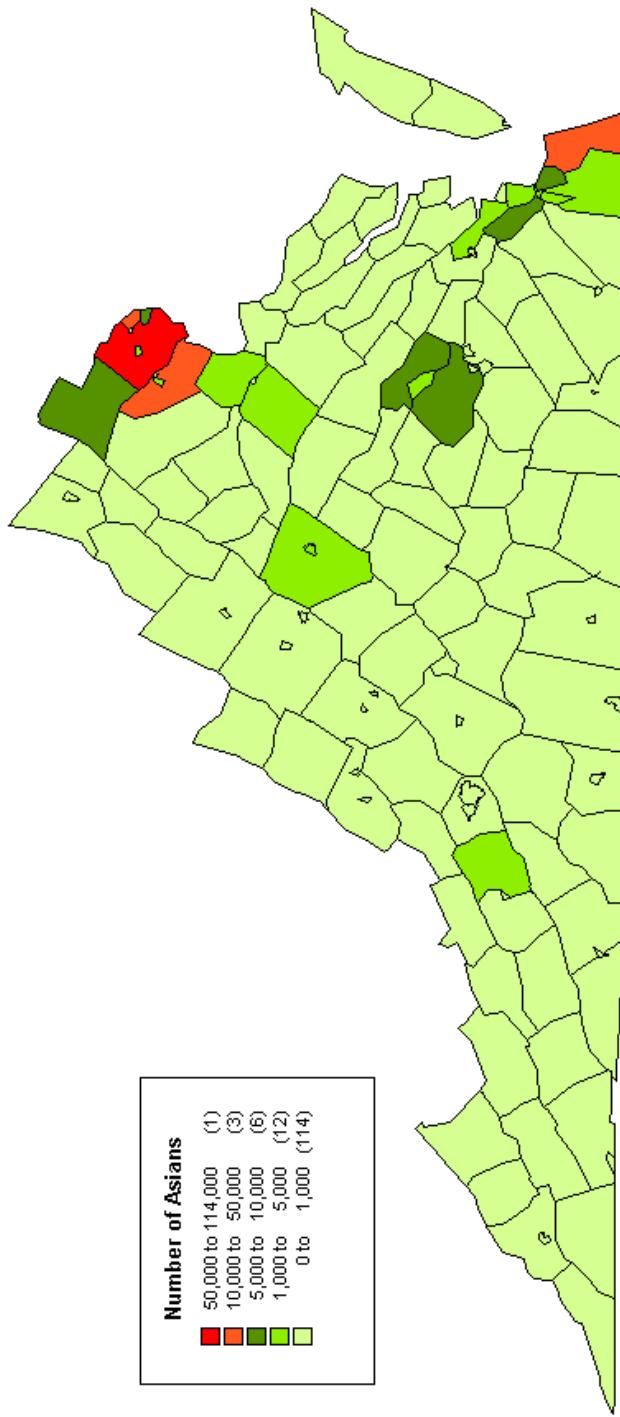
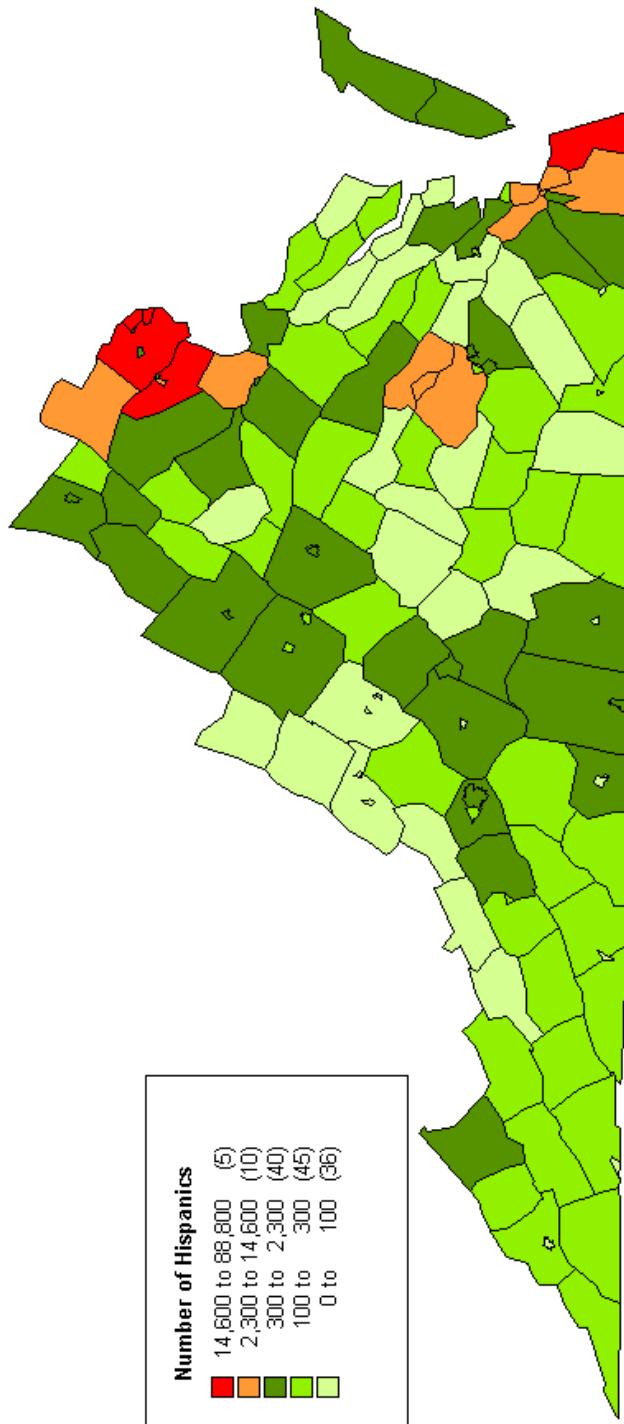


Chart 2C - Asian/Pacific Islander Population
by Locality, Virginia, 1999



Virginia Center for Health Statistics

Chart 2D - Hispanic Population by Locality, Virginia, 1999



Virginia Center for Health Statistics

Births

The total number of resident births in 1999 was 95,207. Black births represented 23% (21,987 births) of all births; 5% of births (4,613 births) were Asian/Pacific Islander; and less than 1% (148) of the total births were Native American. Seven percent of babies (6,537 births) were of Hispanic/Latino descent (Chart 3).

Chart 3A: Resident Births by Race, Virginia, 1999

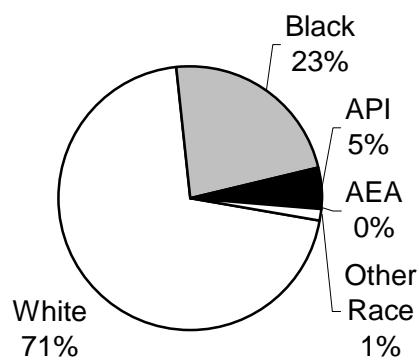
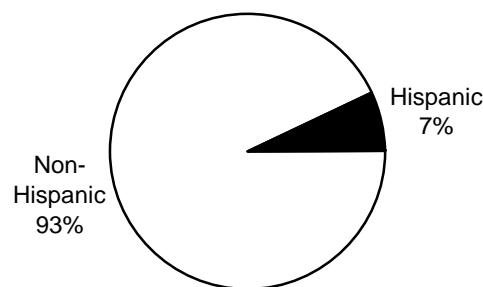


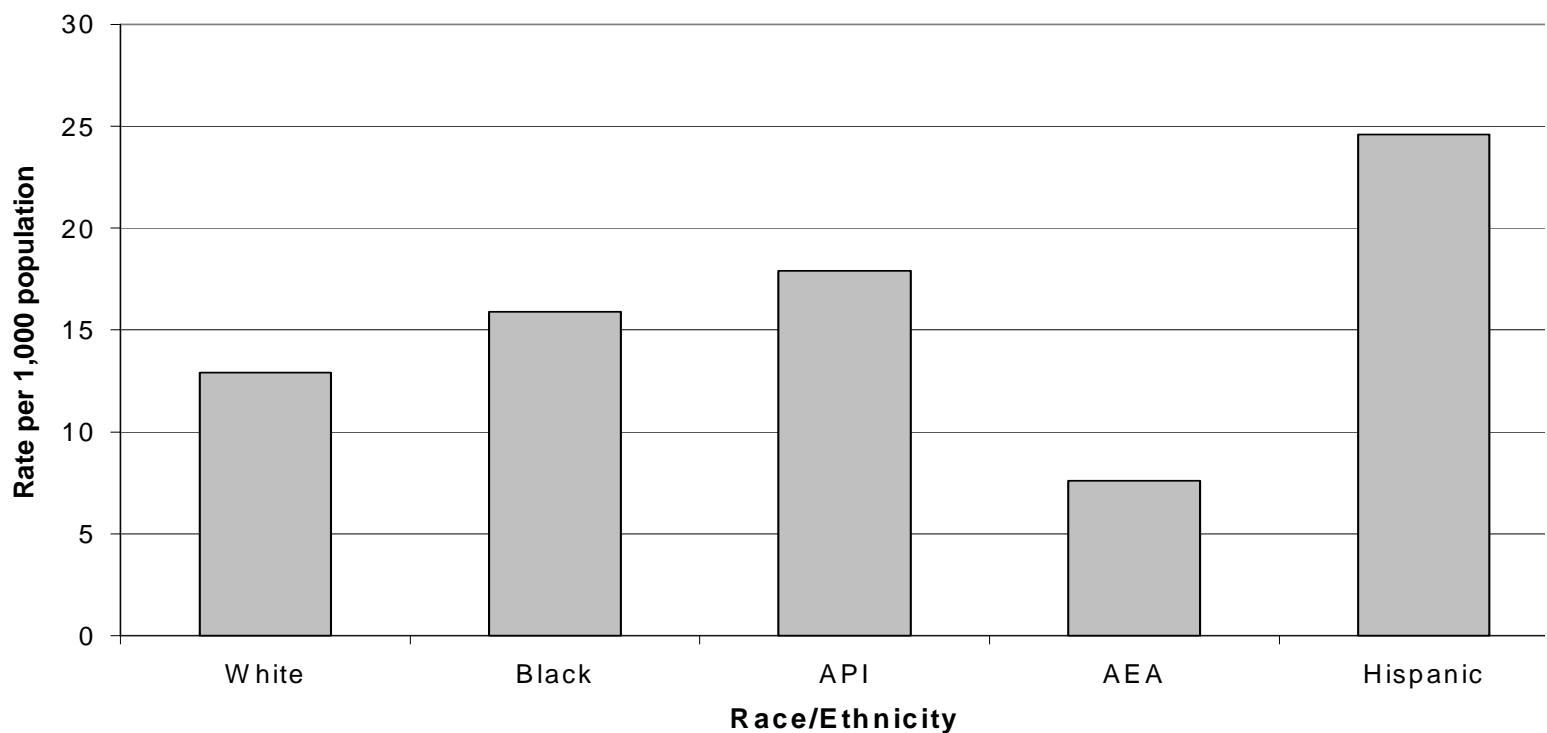
Chart 3B: Resident Births by Ethnicity, Virginia, 1999



Source: Virginia Center for Health Statistics

Birth Rates Hispanic/Latino women had the highest birth rate (24.6 births per 1,000 population). The Asian/Pacific Islander birth rate was second highest at 17.9 and the black birth rate was 15.9. The Native American birth rate is the lowest at 7.6 (Chart 4).

Chart 4: Birth Rates by Race/Ethnicity, Virginia, 1999

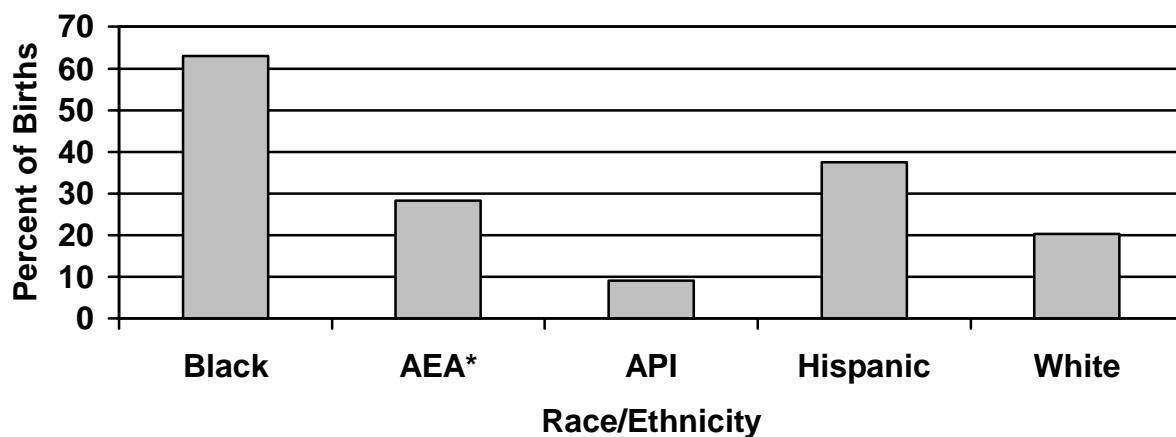


Source: Virginia Center for Health Statistics

Births to Unmarried Women Babies born to unmarried mothers are more likely to be of low birth weight and die before the first year of life than those born to married parents. It is also likely that many of these births are to father-absent families. Children living in father-absent households are much more likely to be poor, are at a higher risk of school failure and drop-out, and are more likely to engage in early sexual behavior and other self-destructive behaviors (Ooms, 1998).

The percent of minority births in 1999 to mothers who were unmarried at the time of birth varied greatly by race and ethnicity. Nearly two out of three black babies (63.0%; 13,844 births) were born to mothers who were not married. Over one-third (37.5%; 2,453 births) of Hispanic babies and over a quarter (28.3%¹; 45 births in 1999) of Native American births were to unwed mothers. Twenty percent (13,565 births) of white births were to mothers who were not married and only 9.1% (422 births) of Asian/Pacific Islanders births were non-marital (Chart 5).

**Chart 5: Percent of Births to Unmarried Women, by Race/Ethnicity
Virginia, 1999**



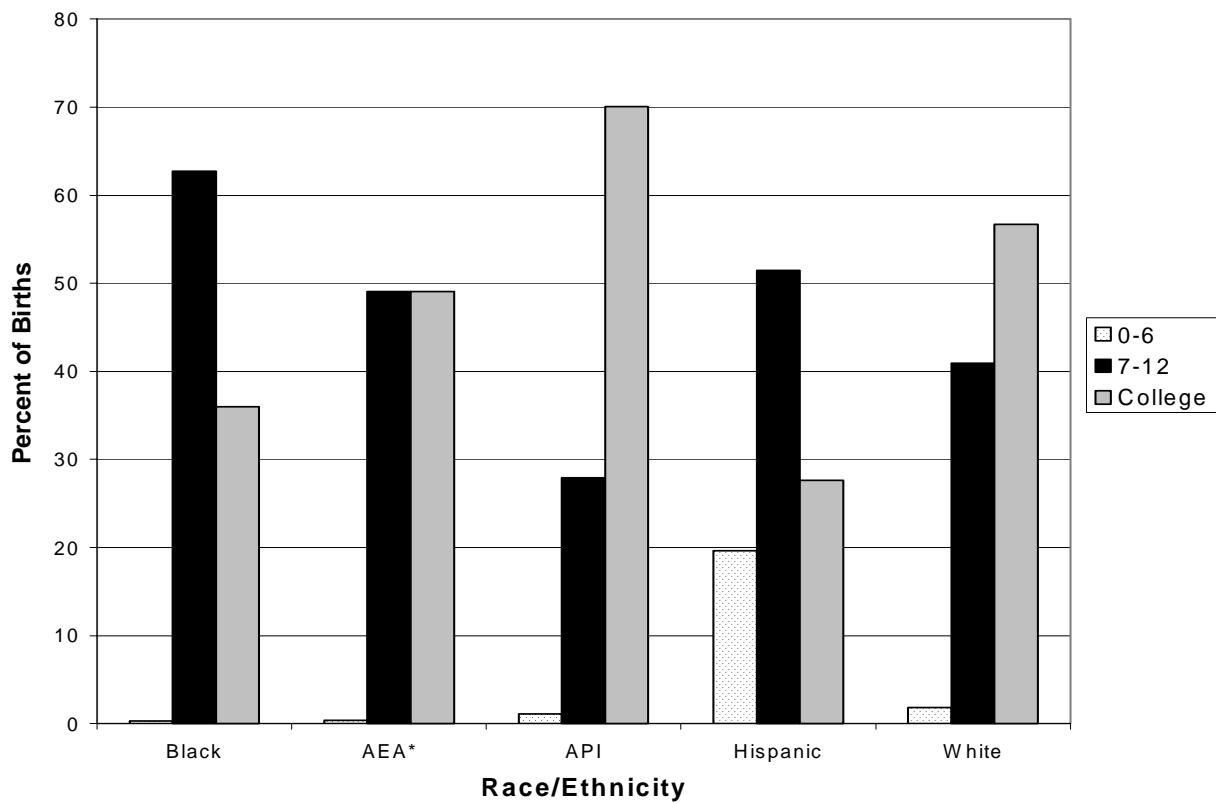
*Due to small numbers, 1998-2000 average is used as a best estimate for 1999.

Source: Virginia Center for Health Statistics

¹ Due to the small number of Native American births, the 1998-2000 average is used as a best estimate for 1999.

Education of Mother In 1999, over half (52%) of all mothers giving birth had completed at least one year of college education. Of minority groups, Asian/Pacific Islander mothers had the highest percentage of births to mothers with some level of post-secondary education: seventy percent had at least one year of college. The percentage of Native American mothers who had completed at least one year of college was 49%² and 36% of black mothers indicated this level of college education. Only 28% of Hispanic/Latino mothers had at least one year of college education. In addition, one in five Hispanic mothers (20%) had six or fewer years of education (Chart 6).

**Chart 6: Births by Education of Mother and Race/Ethnicity
Virginia, 1999**



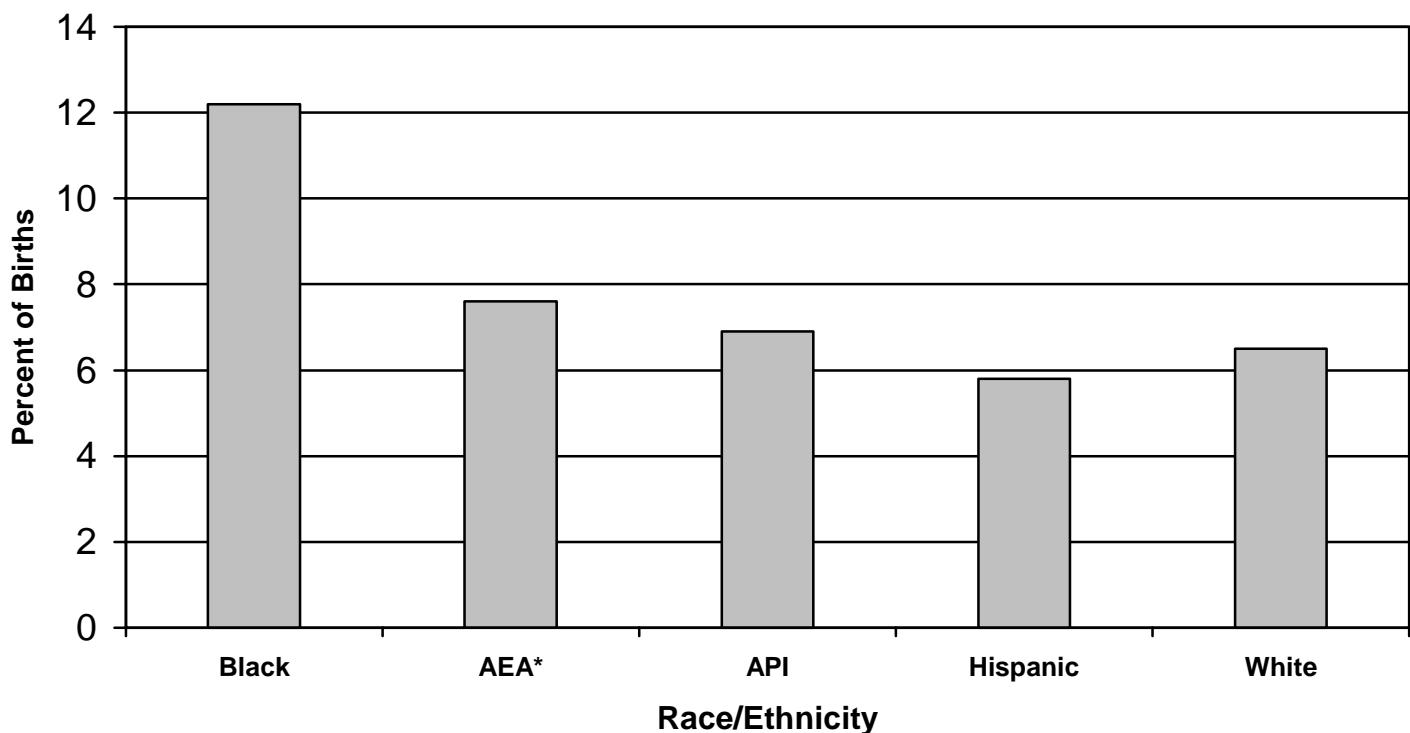
*Due to small numbers of Native American births, the 1998-2000 average is used as a best estimate for 1999.

Source: Virginia Center for Health Statistics

² Due to the small number of Native American births, the 1998-2000 average is used as a best estimate for 1999.

Low Weight Births Babies born of low weight are more likely to experience serious medical complications, delays in development or even die in infancy (before the first year of life).³ The percent of low weight births was lowest among Hispanic/Latino babies (5.8%, 382 births) followed by white (6.5%; 4,339 infants) and Asian/Pacific Islander newborns (6.9% in 1999; 319 births). By comparison, the percent of black low birth weight babies was nearly double - 12.2% (2,675 newborns). The three-year average percentage for Native American newborns was 7.6% (12 babies in 1999) (Chart 7).

Chart 7: Low Weight Births, by Race/Ethnicity, Virginia, 1999



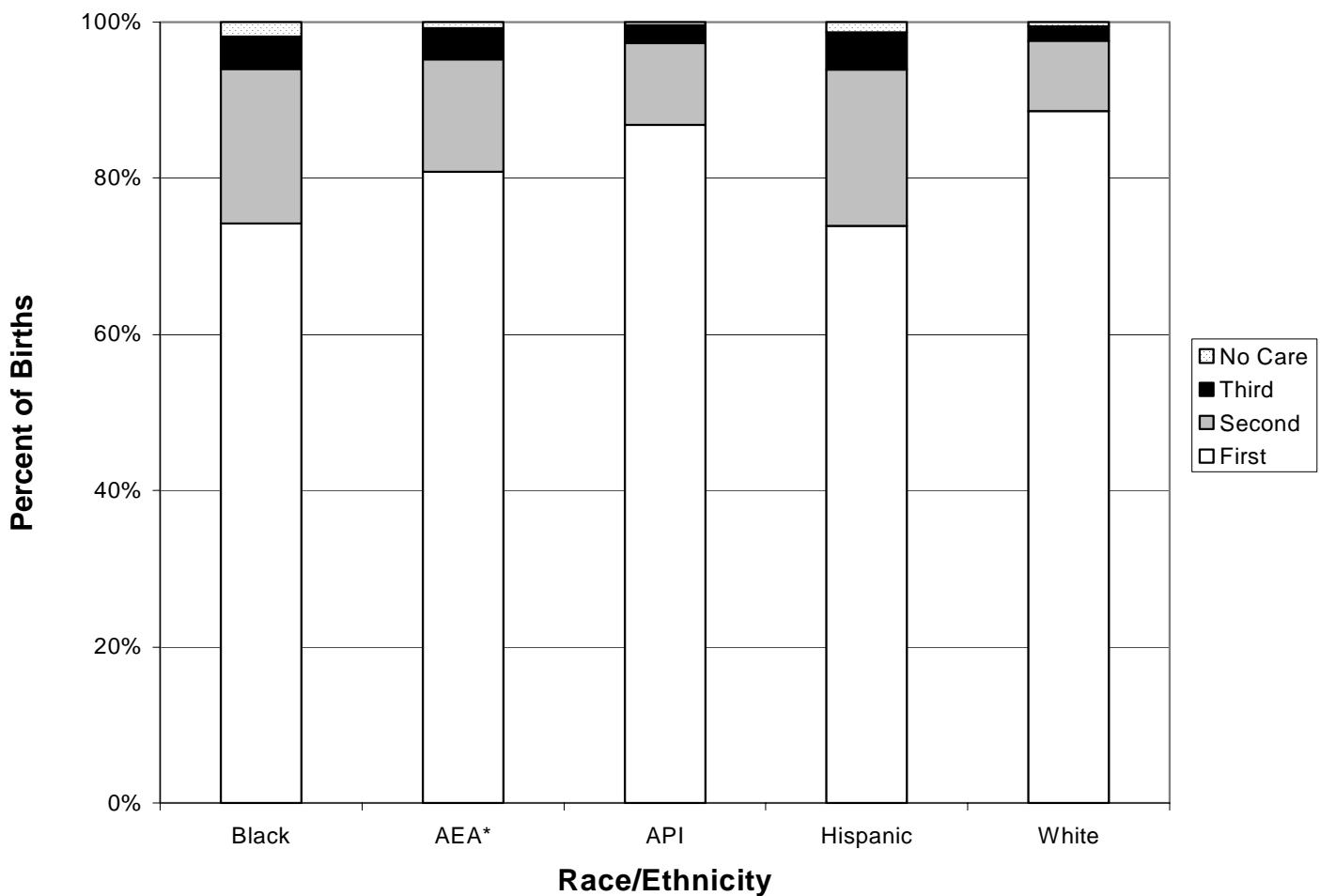
*Due to small numbers, 1998-2000 average is used as a best estimate for 1999.

Source: Virginia Center for Health Statistics

³ Low birth weight is defined as less than 2,500 grams or about five and one half pounds.

Prenatal Care Early and continuous prenatal care is essential to assure a healthy birth. Over 85% of white and Asian/Pacific Islander women and 80%⁴ of Native American women began prenatal care during the first trimester of pregnancy. By contrast, only 74% of black and Hispanic women began care at this critical stage of pregnancy. Correspondingly, relatively high percentages of black and Hispanic women began care in the second and third trimester of pregnancy or obtained no prenatal care at all (Chart 8).

**Chart 8: Beginning of Prenatal Care, by Race/Ethnicity
Virginia, 1999**



*Due to small numbers of Native American births, 1998-2000 average is used as a best estimate for 1999.

Source: Virginia Center for Health Statistics

⁴ Due to the small number of Native American births, the 1998-2000 average is used as a best estimate for 1999.

Use of Tobacco, Alcohol, and Illegal Drugs Use of tobacco, alcohol, and illegal drugs during pregnancy can lead to serious health problems in newborns, including low birth weight and prematurity; chronic disabilities (such as cerebral palsy, mental retardation and learning problems); and even death. These health problems inflict major emotional and economic costs on families and communities.

Data from birth certificates on the use of tobacco, alcohol, and drugs during pregnancy are self-reported and are likely to be underreported. Therefore, the actual prevalence is expected to be greater than the percentages reported. Nine percent of all births were to women who reported using tobacco during pregnancy; 0.6 percent to women who reported alcohol use, and 0.7% to women saying they used drugs. While the number of births to women reporting use of alcohol and drugs are small (617 and 625 births, respectively), the costs of each of these births to families and society can be staggering.

White mothers (10.3% in 1999) had higher percentages of tobacco use among all racial and ethnic groups. Over eight percent of Native American⁵ births were to mothers reporting use of tobacco. About seven percent of black mothers said they had used tobacco during pregnancy. Just over 1% each of Hispanic and Asian/Pacific Islander women reported using tobacco during pregnancy

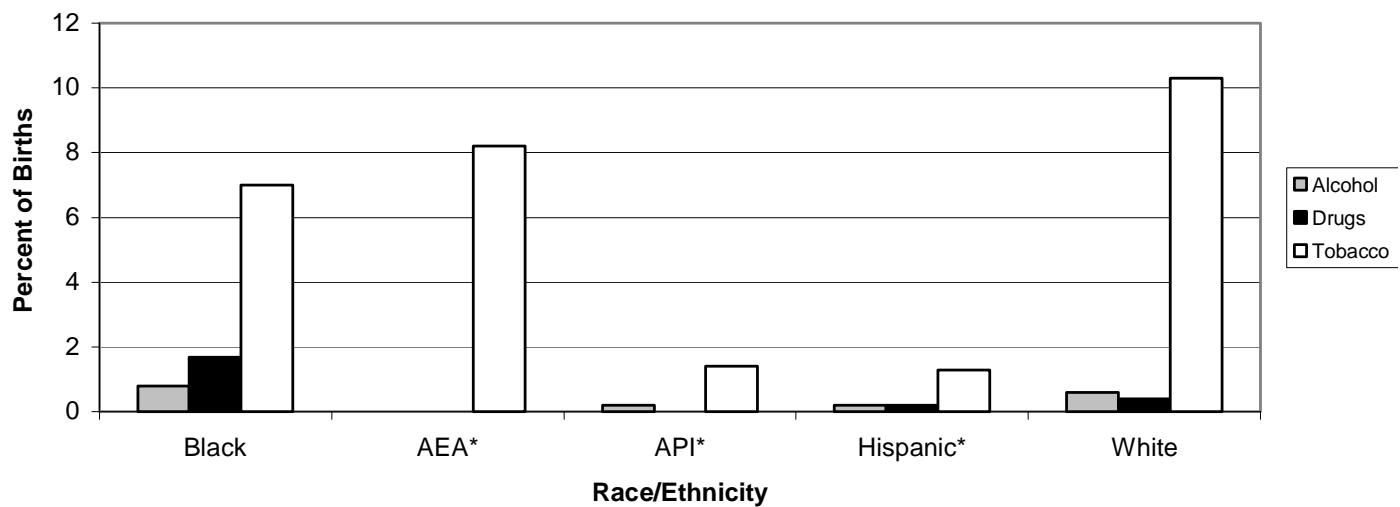
Nearly one percent⁶ of black and white births were to mothers reporting alcohol use during pregnancy. Reported usage by Hispanic/Latino and Asian/Pacific Islander women was lower - at 0.2%. No Native American births were to women who reported alcohol use – this number having remained at zero for three years (1998-2000).

Nearly two percent⁶ of black infants (1.7%, 372 births) had mothers reporting use of drugs. Usage by white and Hispanic mothers was 0.4 and 0.2 percent, respectively. Native American and Asian/Pacific Islander percentages are not presented for methodological reasons (Chart 9).

⁵ 1998-2000 three-year average reported for Native American births due to small numbers.

⁶ 1998-2000 three-year average reported for Asian/Pacific Islanders, Hispanics/Latinos, and Native Americans due to small numbers, unless total number of events during the three years was less than 20.

Chart 9: Births to Mothers who Used Alcohol, Tobacco, and Drugs by Race/Ethnicity, Virginia, 1999



*Fewer than 20 Native American births to women who used drugs and alcohol in 1998-2000, so percentages are not reported; 1998-2000 average is used as best estimate for 1999 mothers' tobacco usage. Due to small numbers of Hispanic births to women using drugs and alcohol, the 3-year average is presented. Fewer than 20 births to Asian women using drugs in 1998-2000 and these numbers are not presented; three-year average is presented for alcohol use.

Source: Virginia Center for Health Statistics

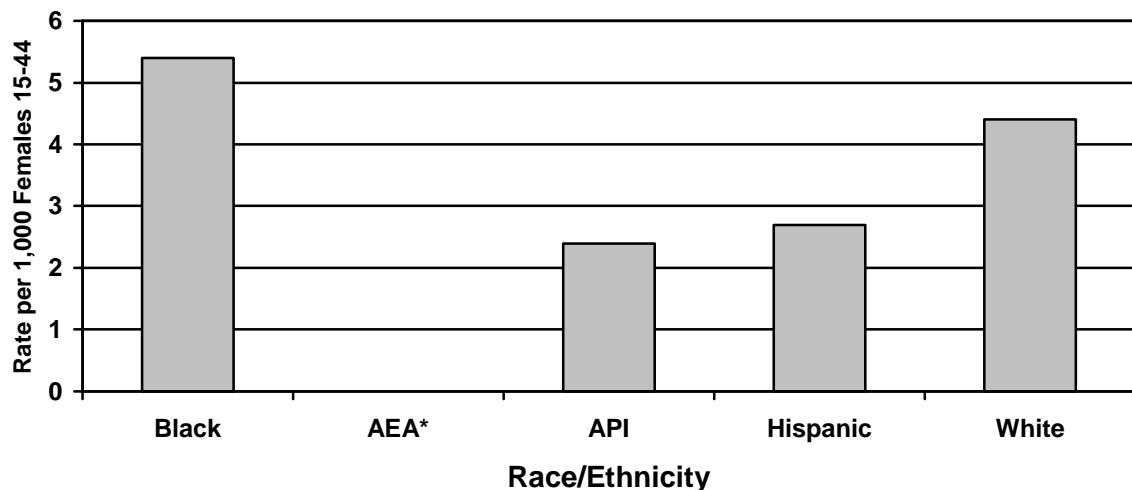
Natural Fetal Deaths and Induced Terminations

A natural fetal death is defined as a spontaneous expulsion of pregnancy that shows no sign of life. This is most commonly referred to as a miscarriage. An induced termination, or abortion, is defined as a deliberate termination of pregnancy with the purpose of producing a nonviable fetus.

A high natural fetal death rate can be indicative of poor access to care, poor health of the mothers, unhealthy behaviors during pregnancy, or advanced maternal age. Maternal medical conditions that have been found to be most strongly associated with having a fetal death were problems with amniotic fluid levels and blood disorders. In addition, fetal mortality has been found to be 35 percent greater when tobacco was used during pregnancy and 77 percent greater when alcohol was consumed during pregnancy (Hoyert, 1996).

In 1999 black women experienced the highest natural fetal death rate, at 5.4/1,000 women ages 15-44. Rates of white women were second highest at 4.4. The lowest rates are among Hispanic/Latino women (2.7) and Asian/Pacific Islander (2.4). Due to small numbers, the rate for Native American women is not reported (Chart 10).

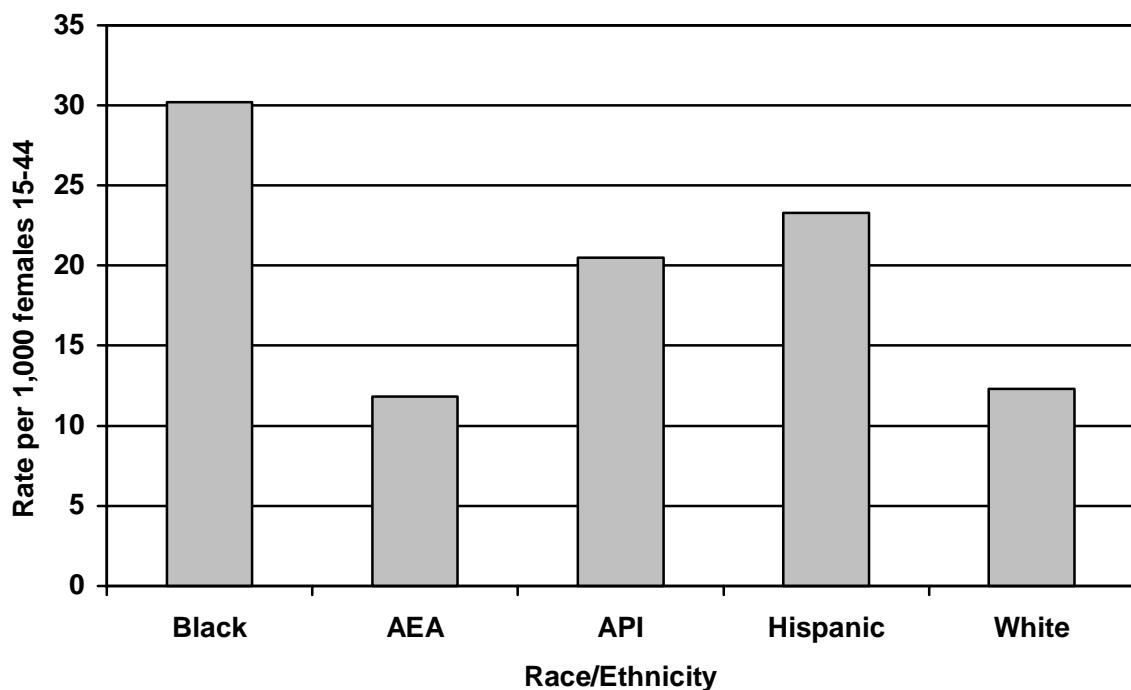
Chart 10: Natural Fetal Death Rates, by Race/Ethnicity, Virginia, 1999



*Due to small numbers and lack of age-specific population data for 2000, rate is not presented.
Source: Virginia Center for Health Statistics

Reflected in the rates of induced terminations of pregnancy may be cultural values and practices, socioeconomic status, access to and use of family planning methods, and incidence of unintended pregnancies. The highest rates of induced terminations of pregnancy were among black women (30.2/1000 women 15-44), followed by Hispanic (23.3) and Asian/Pacific Islander (20.5) women. The lowest rates were among white (12.3) and Native American (11.8) women (Chart 11).

**Chart 11: Induced Terminations of Pregnancy Rates
by Race/Ethnicity, Virginia, 1999**



Source: Virginia Center for Health Statistics

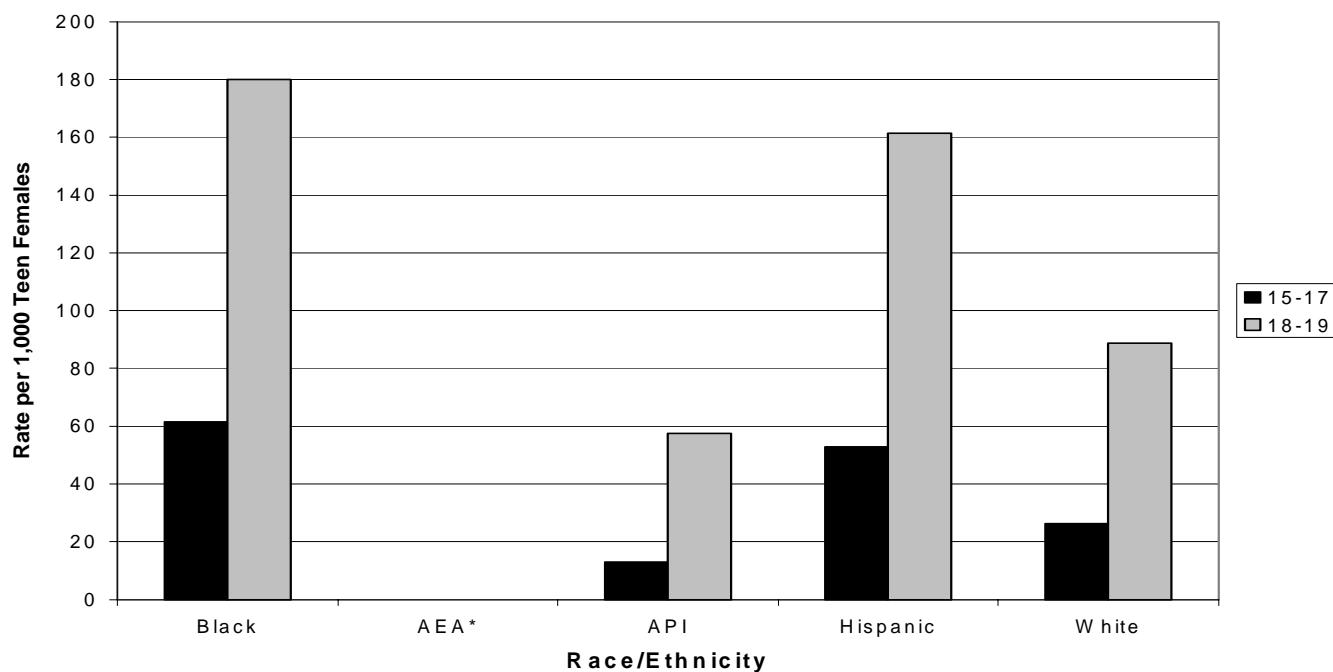
Teenage Pregnancy

Teenage pregnancy is a societal problem both because of the risks of early sexual involvement and early childbearing. Teenage mothers and their babies face increased risks to their health in the form of pregnancy complications, low birthweight, complications at birth and during early childhood, and even infant death. Socio-economic consequences of early childbearing include higher school drop-out, fewer employment opportunities, single parenting, and the children's difficulties in school.

Among 15-17 year olds, teenage pregnancy rates are highest among black (61.5/1000 females 15-17) and Hispanic/Latino (52.8) girls. These rates are substantially higher than those of white (26.2) and Asian/Pacific Islander (12.9) girls (Chart 12).

Among 18-19 year olds, the highest rates are among black (180.1) and Hispanic/Latino (161.3) young women and the lowest rates are among whites (88.7), and Asian/Pacific Islanders (57.6) (Chart 12). Due to small numbers, the teenage pregnancy rates for Native Americans are not presented.

**Chart 12: Teenage Pregnancy Rates, by Race/Ethnicity
Virginia, 1999**



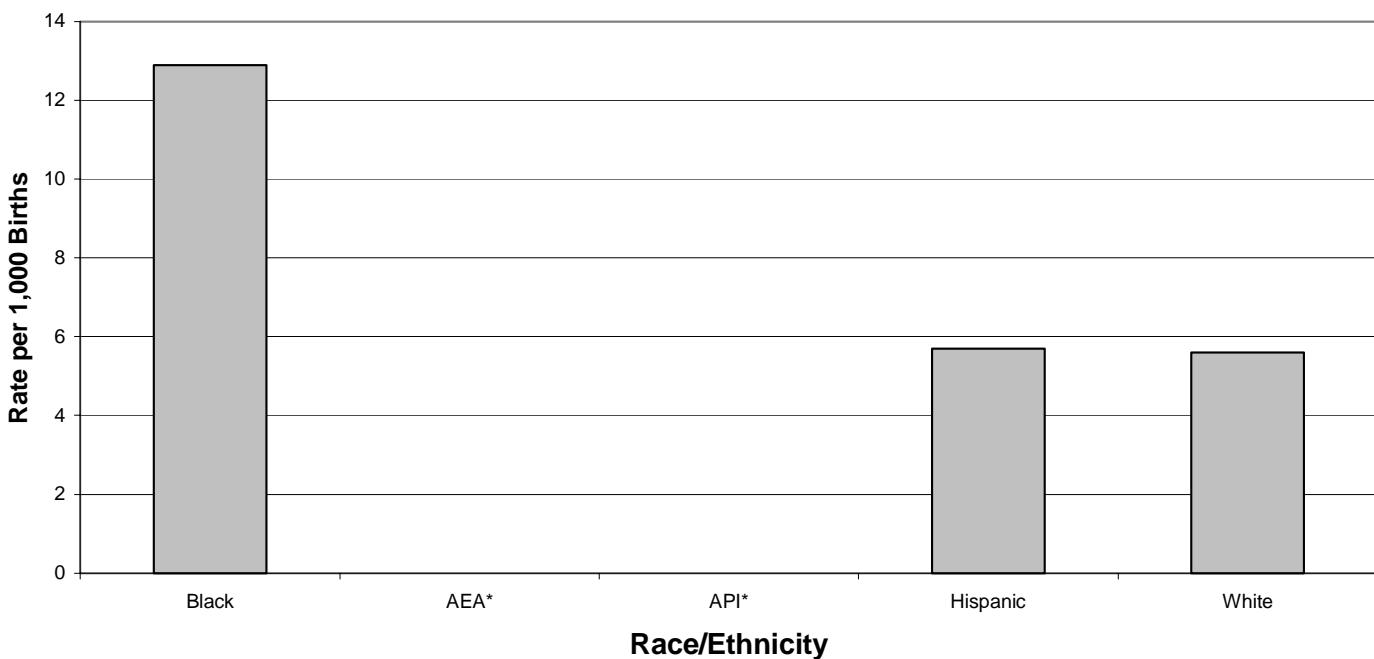
*The Native American rate is not presented due to small numbers and the unavailability of age-specific population data for 2000.

Source: Virginia Center for Health Statistics

Mortality

Infant Mortality The infant mortality rate reflects access to quality care, both prenatally and after the birth of the baby; socio-economic conditions of the family; and knowledge, practices, and behaviors of the parents and other caretakers. The main causes of infant death in Virginia were conditions originating in the perinatal period, congenital anomalies, and sudden infant death syndrome. In 1999, the infant mortality rate for blacks (12.9 per 1,000 live births) was over two times greater than that for whites (5.6 per 1,000 live births) and Hispanics (5.7 per 1,000 live births). The rates for Asian/Pacific Islander and Native American infants are not presented due to small numbers and because infant deaths for 2000, which are necessary to calculate three-year averages, are not yet available. (Chart 13).

Chart 13: Infant Deaths by Race/Ethnicity, Virginia, 1999

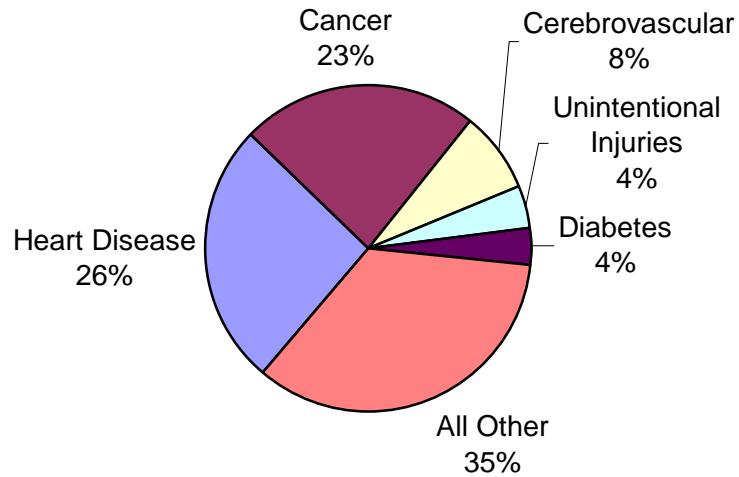


*The rates for Native American and Asian/Pacific Islander infants are not presented due to small numbers, and the unavailability of infant deaths in 2000.

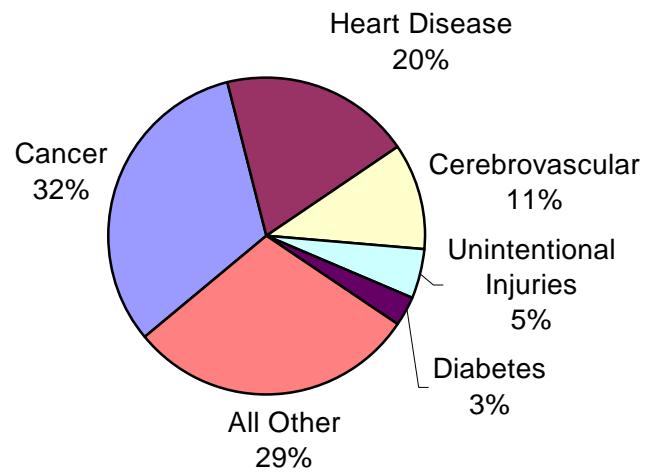
Source: Virginia Center for Health Statistics

General Mortality The five leading causes of death for blacks, Asians/Pacific Islanders, and Hispanics are shown in Charts 14A – 14C. While the top two causes for all these racial/ethnic groups were heart disease and cancer, the third through fifth causes of death varied by race/ethnicity: other major causes of death included unintentional injuries, cerebrovascular disease, diabetes, and perinatal conditions. Native Americans suffered 67 deaths in 1999: 19 (28%) were to heart disease and 9 (13%) to cancer. No other major causes were noted due to small numbers.

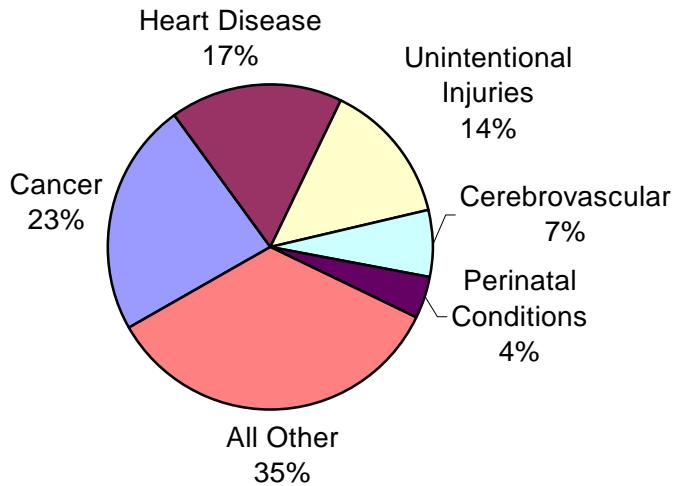
**Chart 14A: Causes of Death to Blacks,
Virginia, 1999**



**Chart 14B: Causes of Death to Asian/Pacific Islanders,
Virginia, 1999**



**Chart 14C: Causes of Death to Hispanics/Latinos,
Virginia, 1999**



Source: Virginia Center for Health Statistics

Conclusion

This report has provided a glimpse of the racial and ethnic disparities among the different racial and ethnic groups in Virginia. This information should begin to help communities better target interventions that are specifically aimed at meeting the cultural and health needs of these population groups. The Virginia Department of Health is committed to further developing a better understanding of health needs through collection, interpretation, and dissemination of health data related to minority populations in Virginia.

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DATA TABLES

Table 1
Population Estimates by Race, Ethnicity and Gender by Health District, Virginia, 1999

	Total			Black			AEA		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
State of Virginia	6,872,912	3,358,569	3,514,343	1,384,651	662,608	722,043	19,396	9,893	9,503
LENOWISCO DISTRICT	90,529	44,115	46,414	1,851	1,176	675	99	42	57
LEE	23,821	11,449	12,372	178	102	76	27	11	16
SCOTT	22,506	10,879	11,627	176	94	82	17	9	8
WISE	40,194	19,934	20,260	1,197	835	362	42	19	23
NORTON	4,008	1,853	2,155	300	145	155	13	3	10
CUMBERLAND PLATEAU	120,264	59,013	61,251	2,803	1,735	1,068	124	55	69
BUCHANAN	28,477	14,421	14,056	760	689	71	35	15	20
DICKENSON	16,716	8,162	8,554	109	67	42	16	7	9
RUSSELL	28,728	14,106	14,622	389	225	164	16	10	6
TAZEWELL	46,343	22,324	24,019	1,545	754	791	57	23	34
MOUNT ROGERS DISTRICT	183,241	88,084	95,157	5,325	2,641	2,684	194	88	106
BLAND	6,795	3,632	3,163	283	245	38	4	4	
CARROLL	27,808	13,699	14,109	170	98	72	35	14	21
GRAYSON	16,451	8,029	8,422	589	264	325	18	10	8
SMYTH	32,692	15,646	17,046	733	389	344	40	16	24
WASHINGTON	49,791	24,193	25,598	892	444	448	41	18	23
WYTHE	26,511	12,612	13,899	1,102	508	594	35	15	20
BRISTOL	16,709	7,348	9,361	1,124	497	627	15	6	9
GALAX	6,484	2,925	3,559	432	196	236	6	5	1
NEW RIVER DISTRICT	156,641	77,872	78,769	7,866	3,926	3,940	176	84	92
FLOYD	13,260	6,575	6,685	386	184	202	18	9	9
GILES	16,315	7,969	8,346	361	192	169	10	7	3
MONTGOMERY	76,997	39,654	37,343	3,533	1,765	1,768	78	38	40
PULASKI	34,401	16,707	17,694	2,415	1,282	1,133	50	21	29
RADFORD	15,668	6,967	8,701	1,171	503	668	20	9	11
ALLEGHANY DISTRICT	162,529	78,110	84,419	7,473	3,828	3,645	168	88	80
ALLEGHANY	12,152	6,093	6,059	312	167	145	14	4	10
BOTETOURT	29,184	14,635	14,549	1,568	924	644	19	8	11
CRAIG	4,942	2,496	2,446	8	6	2	7	4	3
ROANOKE	81,163	38,383	42,780	2,472	1,189	1,283	88	54	34
CLIFTON FORGE	4,205	1,889	2,316	732	336	396	3		3
COVINGTON	6,846	3,202	3,644	1,125	560	565	5	4	1
SALEM	24,037	11,412	12,625	1,256	646	610	32	14	18
ROANOKE CITY	93,357	43,095	50,262	26,004	11,897	14,107	176	79	97
CENTRAL SHENANDOAH	242,917	119,158	123,759	14,523	7,693	6,830	332	169	163
AUGUSTA	61,166	30,956	30,210	2,586	1,724	862	56	34	22
BATH	4,926	2,496	2,430	302	141	161	2	2	
HIGHLAND	2,480	1,234	1,246	2		2			
ROCKBRIDGE	19,542	9,721	9,821	729	377	352	44	16	28
ROCKINGHAM	63,078	31,145	31,933	1,146	648	498	60	32	28
BUENA VISTA	6,467	2,898	3,569	332	152	180	5	3	2
HARRISONBURG	34,129	15,869	18,260	2,752	1,240	1,512	45	20	25
LEXINGTON	7,359	4,305	3,054	1,005	517	488	26	17	9
STAUNTON	24,496	11,457	13,039	3,571	1,916	1,655	49	30	19
WAYNESBORO	19,274	9,077	10,197	2,098	978	1,120	45	15	30
LORD FAIRFAX DISTRICT	180,796	88,750	92,046	8,144	4,129	4,015	290	145	145
CLARKE	12,838	6,336	6,502	1,301	630	671	21	17	4
FREDERICK	56,555	28,326	28,229	1,331	718	613	109	50	59
PAGE	23,165	11,351	11,814	585	317	268	30	10	20
SHENANDOAH	35,141	17,010	18,131	481	237	244	43	27	16
WARREN	30,620	15,056	15,564	1,825	896	929	57	25	32
WINCHESTER	22,477	10,671	11,806	2,621	1,331	1,290	30	16	14
ALEXANDRIA DISTRICT	117,390	55,253	62,137	27,604	12,972	14,632	471	205	266
ARLINGTON DISTRICT	174,848	85,454	89,394	19,649	9,571	10,078	774	406	368
FAIRFAX DISTRICT	976,358	480,286	496,072	78,862	39,201	39,661	2,866	1,474	1,392
FAIRFAX	945,717	465,607	480,110	77,395	38,488	38,907	2,752	1,418	1,334
FAIRFAX CITY	20,697	10,000	10,697	1,111	538	573	57	29	28
FALLS CHURCH	9,944	4,679	5,265	356	175	181	57	27	30
LOUDOUN	156,284	77,632	78,652	13,203	6,375	6,828	343	181	162
PRINCE WILLIAM DISTRICT	312,230	158,177	154,053	40,656	20,454	20,202	1,199	632	567
PRINCE WILLIAM	270,841	137,268	133,573	35,904	18,051	17,853	1,073	572	501
MANASSAS	33,498	17,017	16,481	4,072	2,076	1,996	117	58	59
MANASSAS PARK	7,891	3,892	3,999	680	327	353	9	2	7
RAPPAHANNOCK/RAPIDAN	134,818	67,502	67,316	21,843	11,262	10,581	344	186	158
CULPEPER	33,562	17,024	16,538	7,190	3,929	3,261	116	69	47
FAUQUIER	55,206	27,610	27,596	7,163	3,549	3,614	136	69	67
MADISON	12,627	6,224	6,403	2,115	1,010	1,105	39	23	16
ORANGE	25,759	12,621	13,138	4,423	2,157	2,266	40	17	23
RAPPAHANNOCK	7,664	4,023	3,641	952	617	335	13	8	5
THOMAS JEFFERSON	190,482	92,448	98,034	35,215	16,763	18,452	278	109	169
ALBEMARLE	80,145	39,053	41,092	9,380	4,503	4,877	84	32	52
FLUVANNA	19,622	9,794	9,828	5,221	2,614	2,607	34	17	17
GREENE	14,685	7,262	7,423	1,142	533	609	19	6	13
LOUISA	25,029	12,367	12,662	7,407	3,613	3,794	87	33	54
NELSON	14,186	6,938	7,248	3,076	1,488	1,588	17	7	10
CHARLOTTESVILLE	36,815	17,034	19,781	8,989	4,012	4,977	37	14	23
CENTRAL VIRGINIA	222,152	106,136	116,016	44,846	20,894	23,952	443	225	218
AMHERST	30,351	14,565	15,786	7,021	3,421	3,600	152	85	67
APPOMATTOX	13,317	6,443	6,874	3,494	1,646	1,848	17	6	11
BEDFORD	57,537	28,712	28,825	5,382	2,638	2,744	82	40	42
CAMPBELL	50,345	24,775	25,570	8,496	4,124	4,372	55	30	25

Note: Refer to population section for column details.

Table 1
Population Estimates by Race, Ethnicity and Gender by Health District, Virginia, 1999

API			Hispanic (any race)			White			
Total	Male	Female	Total	Male	Female	Total	Male	Female	
258,371	121,824	136,547	266,228	134,195	132,033	5,210,494	2,564,244	2,646,250	State of Virginia
268	126	142	562	272	290	88,311	42,771	45,540	LENOWISCO DISTRICT
31	12	19	203	96	107	23,585	11,324	12,261	LEE
7	2	5	114	58	56	22,306	10,774	11,532	SCOTT
187	90	97	192	89	103	38,768	18,990	19,778	WISE
43	22	21	53	29	24	3,652	1,683	1,969	NORTON
469	208	261	872	430	442	116,868	57,015	59,853	CUMBERLAND PLATEAU
56	28	28	389	212	177	27,626	13,689	13,937	BUCHANAN
24	14	10	103	38	65	16,567	8,074	8,493	DICKENSON
23	8	15	139	71	68	28,300	13,863	14,437	RUSSELL
366	158	208	241	109	132	44,375	21,389	22,986	TAZEWELL
556	238	318	1,131	613	518	177,166	85,117	92,049	MOUNT ROGERS DISTRICT
11	7	4	47	33	14	6,497	3,376	3,121	BLAND
46	14	32	251	155	96	27,557	13,573	13,984	CARROLL
27	15	12	119	71	48	15,817	7,740	8,077	GRAYSON
102	48	54	175	84	91	31,817	15,193	16,624	SMYTH
121	43	78	262	116	146	48,737	23,688	25,049	WASHINGTON
116	53	63	102	57	45	25,258	12,036	13,222	WYTHE
108	47	61	85	36	49	15,462	6,798	8,664	BRISTOL
25	11	14	90	61	29	6,021	2,713	3,308	GALAX
4,632	2,605	2,027	1,899	950	949	143,967	71,257	72,710	NEW RIVER DISTRICT
38	13	25	111	67	44	12,818	6,369	6,449	FLOYD
37	18	19	97	52	45	15,907	7,752	8,155	GILES
4,080	2,358	1,722	1,197	587	610	69,306	35,493	33,813	MONTGOMERY
113	49	64	250	138	112	31,823	15,355	16,468	PULASKI
364	167	197	244	106	138	14,113	6,288	7,825	RADFORD
1,505	706	799	1,377	692	685	153,383	73,488	79,895	ALLEGHANY DISTRICT
53	26	27	97	53	44	11,773	5,896	5,877	ALLEGHANY
135	61	74	265	143	122	27,462	13,642	13,820	BOTETOURT
8	8	12	4	8	4	4,919	2,478	2,441	CRAIG
994	470	524	751	363	388	77,609	36,670	40,939	ROANOKE
9	5	4	35	17	18	3,461	1,548	1,913	CLIFTON FORGE
64	25	39	40	8	32	5,652	2,613	3,039	COVINGTON
242	111	131	177	104	73	22,507	10,641	11,866	SALEM
988	460	528	1,011	503	508	66,189	30,659	35,530	ROANOKE CITY
1,672	780	892	2,957	1,610	1,347	226,390	110,516	115,874	CENTRAL SHENANDOAH
221	117	104	420	205	215	58,303	29,081	29,222	AUGUSTA
14	6	8	37	20	17	4,608	2,347	2,261	BATH
2	1	1	10	6	4	2,476	1,233	1,243	HIGHLAND
78	28	50	92	37	55	18,691	9,300	9,391	ROCKBRIDGE
256	117	139	934	542	392	61,616	30,348	31,268	ROCKINGHAM
28	4	24	21	9	12	6,102	2,739	3,363	BUENA VISTA
748	348	400	804	444	360	30,584	14,261	16,323	HARRISONBURG
114	88	26	91	65	26	6,214	3,683	2,531	LEXINGTON
145	43	102	284	147	137	20,731	9,468	11,263	STAUNTON
66	28	38	264	135	129	17,065	8,056	9,009	WAYNESBORO
1,245	544	701	2,297	1,181	1,116	171,117	83,932	87,185	LORD FAIRFAX DISTRICT
53	29	24	143	65	78	11,463	5,660	5,803	CLARKE
410	174	236	614	332	282	54,705	27,384	27,321	FREDERICK
122	64	58	192	75	117	22,428	10,960	11,468	PAGE
187	73	114	535	307	228	34,430	16,673	17,757	SHENANDOAH
143	56	87	479	208	271	28,595	14,079	14,516	WARREN
330	148	182	334	194	140	19,496	9,176	10,320	WINCHESTER
7,006	3,262	3,744	15,704	8,055	7,649	82,309	38,814	43,495	ALEXANDRIA DISTRICT
16,805	8,107	8,698	33,845	17,336	16,509	137,620	67,370	70,250	ARLINGTON DISTRICT
116,497	56,018	60,479	91,456	44,967	46,489	778,133	383,593	394,540	FAIRFAX DISTRICT
113,675	54,672	59,003	88,732	43,662	45,070	751,895	371,029	380,866	FAIRFAX
2,133	1,038	1,095	1,780	902	878	17,396	8,395	9,001	FAIRFAX CITY
689	308	381	944	403	541	8,842	4,169	4,673	FALLS CHURCH
5,728	2,722	3,006	6,278	3,198	3,080	137,010	68,354	68,656	LOUDOUN
14,099	6,359	7,740	22,093	11,730	10,363	256,276	130,732	125,544	PRINCE WILLIAM DISTRICT
12,198	5,431	6,767	18,734	9,827	8,907	221,666	113,214	108,452	PRINCE WILLIAM
1,603	789	814	2,775	1,608	1,167	27,706	14,094	13,612	MANASSAS
298	139	159	584	295	289	6,904	3,424	3,480	MANASSAS PARK
1,141	531	610	1,926	960	966	111,490	55,523	55,967	RAPPAHANNOCK/RAPIDAN
516	268	248	360	210	150	25,740	12,758	12,982	CULPEPER
493	207	286	1,108	524	584	47,414	23,785	23,629	FAUQUIER
23	10	13	60	33	27	10,450	5,181	5,269	MADISON
88	40	48	278	129	149	21,208	10,407	10,801	ORANGE
21	6	15	120	64	56	6,678	3,392	3,286	RAPPAHANNOCK
4,129	1,921	2,208	2,784	1,391	1,393	150,860	73,655	77,205	THOMAS JEFFERSON
2,755	1,302	1,453	1,463	730	733	67,926	33,216	34,710	ALBEMARLE
42	14	28	176	79	97	14,325	7,149	7,176	FLUVANNA
60	19	41	125	57	68	13,464	6,704	6,760	GREENE
69	23	46	210	99	111	17,466	8,698	8,768	LOUISA
41	9	32	189	106	83	11,052	5,434	5,618	NELSON
1,162	554	608	621	320	301	26,627	12,454	14,173	CHARLOTTESVILLE
1,327	581	746	1,919	842	1,077	175,536	84,436	91,100	CENTRAL VIRGINIA
111	35	76	343	101	242	23,067	11,024	12,043	AMHERST
10	10	55	26	29	9,796	4,791	5,005	APPOMATTOX	
224	107	117	372	194	178	51,849	25,927	25,922	BEDFORD
260	120	140	367	187	180	41,534	20,501	21,033	CAMPBELL

Note: Refer to population section for column details.

Table 1
Population Estimates by Race, Ethnicity and Gender by Health District, Virginia, 1999

	Total			Black			AEA		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
CENTRAL VIRGINIA (con't)	222,152	106,136	116,016	44,846	20,894	23,952	443	225	218
BEDFORD CITY	6,676	3,119	3,557	1,635	732	903	10	4	6
LYNCHBURG	63,926	28,522	35,404	18,818	8,333	10,485	127	60	67
PITTSYLVANIA/DANVILLE	107,555	50,917	56,638	37,525	17,547	19,978	120	58	62
PITTSYLVANIA	56,760	27,870	28,890	17,350	8,426	8,924	47	26	21
DANVILLE	50,795	23,047	27,748	20,175	9,121	11,054	73	32	41
WEST PIEDMONT	134,379	65,073	69,306	27,880	13,245	14,635	152	70	82
FRANKLIN	45,220	22,264	22,956	5,670	2,719	2,951	56	26	30
HENRY	55,634	26,993	28,641	14,673	7,065	7,608	59	30	29
PATRICK	18,529	9,108	9,421	1,595	800	795	20	7	13
MARTINSVILLE	14,996	6,708	8,288	5,942	2,661	3,281	17	7	10
SOUTHSIDE DISTRICT	86,251	42,514	43,737	40,624	20,205	20,419	133	68	65
BRUNSWICK	18,340	9,973	8,367	11,593	6,403	5,190	7	5	2
HALIFAX	36,920	17,596	19,324	15,899	7,526	8,373	98	48	50
MECKLENBURG	30,991	14,945	16,046	13,132	6,276	6,856	28	15	13
PIEDMONT DISTRICT	91,970	46,491	45,479	39,026	20,074	18,952	152	81	71
AMELIA	10,601	5,213	5,388	3,868	1,862	2,006	17	4	13
BUCKINGHAM	14,754	8,108	6,646	6,878	3,920	2,958	18	7	11
CHARLOTTE	12,414	6,012	6,402	5,006	2,394	2,612	21	10	11
CUMBERLAND	7,876	3,818	4,058	3,371	1,597	1,774	6	3	3
LUNENBURG	11,789	6,205	5,584	5,272	2,926	2,346	11	7	4
NOTTOWAY	15,291	7,878	7,413	6,964	3,720	3,244	47	35	12
PRINCE EDWARD	19,245	9,257	9,988	7,667	3,655	4,012	32	15	17
CHESTERFIELD DISTRICT	292,009	143,867	148,142	43,785	21,522	22,263	757	386	371
CHESTERFIELD	253,365	123,930	129,435	38,445	18,108	20,337	659	329	330
POWHATAN	22,409	12,367	10,042	5,182	3,338	1,844	48	30	18
COLONIAL HEIGHTS	16,235	7,570	8,665	158	76	82	50	27	23
HANOVER DISTRICT	123,519	60,555	62,964	24,293	11,787	12,506	962	482	480
CHARLES CITY	7,240	3,528	3,712	4,835	2,309	2,526	554	265	289
GOOCHLAND	17,651	8,577	9,074	5,956	2,779	3,177	23	10	13
HANOVER	85,410	41,726	43,684	10,226	4,971	5,255	210	114	96
NEW KENT	13,218	6,724	6,494	3,276	1,728	1,548	175	93	82
HENRICO DISTRICT	244,652	113,331	131,321	56,734	25,262	31,472	735	368	367
RICHMOND CITY DISTRICT	189,700	85,438	104,262	111,397	49,513	61,884	451	210	241
RAPPAHANNOCK DISTRICT	239,103	119,191	119,912	36,871	18,169	18,702	1,069	524	545
CAROLINE	22,075	10,884	11,191	9,321	4,528	4,793	258	110	148
KING GEORGE	17,681	8,783	8,898	4,106	1,947	2,159	51	23	28
SPOTSYLVANIA	87,361	43,366	43,995	11,102	5,500	5,602	315	171	144
STAFFORD	93,160	47,594	45,566	7,723	4,009	3,714	414	208	206
FREDERICKSBURG	18,826	8,564	10,262	4,619	2,185	2,434	31	12	19
THREE RIVERS DISTRICT	131,219	64,048	67,171	37,055	17,940	19,115	583	303	280
LANCASTER	11,349	5,294	6,055	3,734	1,727	2,007	8	3	5
NORTHUMBERLAND	11,668	5,501	6,167	3,776	1,714	2,062	11	5	6
RICHMOND	8,745	4,946	3,799	3,513	2,264	1,249	18	16	2
WESTMORELAND	16,259	7,817	8,442	5,945	2,809	3,136	35	17	18
ESSEX	9,121	4,313	4,808	3,785	1,773	2,012	52	23	29
GLoucester	35,463	17,510	17,953	4,642	2,150	2,492	94	48	46
KING AND QUEEN	6,540	3,179	3,361	2,995	1,432	1,563	71	34	37
KING WILLIAM	13,048	6,314	6,734	4,449	2,072	2,377	274	142	132
MATHEWS	9,255	4,457	4,798	1,490	678	812	13	10	3
MIDDLESEX	9,771	4,717	5,054	2,726	1,321	1,405	7	5	2
CRATER DISTRICT	147,359	73,765	73,594	73,355	36,567	36,788	390	203	187
DINWIDDIE	25,663	12,693	12,970	10,500	5,135	5,365	54	29	25
GREENSVILLE	11,332	6,878	4,454	7,189	4,478	2,711	37	25	12
PRINCE GEORGE	28,812	15,083	13,729	9,150	4,897	4,253	118	61	57
SURRY	6,484	3,112	3,372	3,875	1,826	2,049	9	5	4
SUSSEX	12,345	6,811	5,534	7,652	4,090	3,562	17	12	5
EMPORIA	5,662	2,642	3,020	2,813	1,332	1,481	15	7	8
HOPEWELL	22,663	10,988	11,675	6,611	3,217	3,394	65	27	38
PETERSBURG	34,398	15,558	18,840	25,565	11,592	13,973	75	37	38
CHESAPEAKE DISTRICT	202,759	99,190	103,569	63,547	30,321	33,226	655	336	319
NORFOLK DISTRICT	225,875	116,577	109,298	96,630	46,463	50,167	1,147	655	492
PORTSMOUTH DISTRICT	98,305	46,586	51,719	50,768	23,319	27,449	298	151	147
VIRGINIA BEACH DISTRICT	433,461	215,460	218,001	67,917	33,158	34,759	1,740	894	846
WESTERN TIDEWATER	120,254	58,041	62,213	55,533	25,848	29,685	244	134	110
ISLE OF WIGHT	29,632	14,375	15,257	10,585	4,901	5,684	62	34	28
SOUTHAMPTON	17,678	9,283	8,395	8,899	4,719	4,180	15	9	6
FRANKLIN CITY	8,139	3,674	4,465	4,396	1,911	2,485	6	4	2
SUFFOLK	64,805	30,709	34,096	31,653	14,317	17,336	161	87	74
HAMPTON DISTRICT	137,193	65,731	71,462	58,804	27,137	31,667	427	214	213
PENINSULA DISTRICT	307,582	149,684	157,898	88,515	41,585	46,930	1,039	551	488
JAMES CITY CO	45,945	22,293	23,652	9,232	4,325	4,907	103	55	48
YORK	58,433	28,838	29,595	10,375	4,966	5,409	177	98	79
NEWPORT NEWS	179,138	86,944	92,194	66,486	31,132	35,354	707	370	337
POQUOSON	11,571	5,759	5,812	105	49	56	26	12	14
WILLIAMSBURG	12,495	5,850	6,645	2,317	1,113	1,204	26	16	10
EASTERN SHORE	44,931	21,025	23,906	18,525	8,429	10,096	65	37	28
ACCOMACK	32,121	15,100	17,021	12,224	5,600	6,624	47	26	21
NORTHAMPTON	12,810	5,925	6,885	6,301	2,829	3,472	18	11	7

Note: Refer to population section for column details.

Table 1
Population Estimates by Race, Ethnicity and Gender by Health District, Virginia, 1999

API			Hispanic (any race)			White			
Total	Male	Female	Total	Male	Female	Total	Male	Female	
1,327	581	746	1,919	842	1,077	175,536	84,436	91,100	CENTRAL VIRGINIA (con't)
50	28	22	92	37	55	4,981	2,355	2,626	BEDFORD CITY
672	291	381	690	297	393	44,309	19,838	24,471	LYNCHBURG
439	197	242	778	423	355	69,471	33,115	36,356	PITTSYLVANIA/DANVILLE
89	32	57	380	227	153	39,274	19,386	19,888	PITTSYLVANIA
350	165	185	398	196	202	30,197	13,729	16,468	DANVILLE
332	143	189	911	432	479	106,015	51,615	54,400	WEST PIEDMONT
121	43	78	246	99	147	39,373	19,476	19,897	FRANKLIN
142	77	65	380	200	180	40,760	19,821	20,939	HENRY
34	11	23	205	93	112	16,880	8,290	8,590	PATRICK
35	12	23	80	40	40	9,002	4,028	4,974	MARTINSVILLE
165	77	88	623	315	308	45,329	22,164	23,165	SOUTHSIDE DISTRICT
16	6	10	90	47	43	6,724	3,559	3,165	BRUNSWICK
81	32	49	343	171	172	20,842	9,990	10,852	HALIFAX
68	39	29	190	97	93	17,763	8,615	9,148	MECKLENBURG
302	137	165	784	427	357	52,490	26,199	26,291	PIEDMONT DISTRICT
26	9	17	93	47	46	6,690	3,338	3,352	AMELIA
35	10	25	65	31	34	7,823	4,171	3,652	BUCKINGHAM
8	2	6	77	40	37	7,379	3,606	3,773	CHARLOTTE
15	7	8	67	26	41	4,484	2,211	2,273	CUMBERLAND
31	14	17	162	104	58	6,475	3,258	3,217	LUNENBURG
65	37	28	126	82	44	8,215	4,086	4,129	NOTTOWAY
122	58	64	194	97	97	11,424	5,529	5,895	PRINCE EDWARD
7,367	3,470	3,897	5,342	2,696	2,646	240,100	118,489	121,611	CHESTERFIELD DISTRICT
6,762	3,208	3,554	4,940	2,451	2,489	207,499	102,285	105,214	CHESTERFIELD
60	27	33	128	97	31	17,119	8,972	8,147	POWHATAN
545	235	310	274	148	126	15,482	7,232	8,250	COLONIAL HEIGHTS
695	305	390	950	472	478	97,569	47,981	49,588	HANOVER DISTRICT
18	12	6	46	27	19	1,833	942	891	CHARLES CITY
64	35	29	72	37	35	11,608	5,753	5,855	GOOCHLAND
539	237	302	679	335	344	74,435	36,404	38,031	HANOVER
74	21	53	153	73	80	9,693	4,882	4,811	NEW KENT
7,157	3,557	3,600	3,819	1,844	1,975	180,026	84,144	95,882	HENRICO DISTRICT
2,270	1,060	1,210	2,485	1,277	1,208	75,582	34,655	40,927	RICHMOND CITY DISTRICT
3,729	1,617	2,112	6,357	3,198	3,159	197,434	98,881	98,553	RAPPAHANNOCK DISTRICT
88	30	58	169	72	97	12,408	6,216	6,192	CAROLINE
237	109	128	311	140	171	13,287	6,704	6,583	KING GEORGE
1,395	638	757	2,094	1,050	1,044	74,549	37,057	37,492	SPOTSYLVANIA
1,748	715	1,033	3,125	1,580	1,545	83,275	42,662	40,613	STAFFORD
261	125	136	658	356	302	13,915	6,242	7,673	FREDERICKSBURG
684	307	377	1,466	743	723	92,897	45,498	47,399	THREE RIVERS DISTRICT
16	6	10	118	65	53	7,591	3,558	4,033	LANCASTER
29	7	22	95	26	69	7,852	3,775	4,077	NORTHUMBERLAND
38	15	23	106	75	31	5,176	2,651	2,525	RICHMOND
95	38	57	170	98	72	10,184	4,953	5,231	WESTMORELAND
58	30	28	53	24	29	5,226	2,487	2,739	ESSEX
347	154	193	565	281	284	30,380	15,158	15,222	GLOUCESTER
11	4	7	48	21	27	3,463	1,709	1,754	KING AND QUEEN
48	28	20	129	67	62	8,277	4,072	4,205	KING WILLIAM
25	17	8	88	47	41	7,727	3,752	3,975	MATHEWS
17	8	9	94	39	55	7,021	3,383	3,638	MIDDLESEX
1,922	684	1,238	3,513	1,956	1,557	71,692	36,311	35,381	CRATER DISTRICT
108	40	68	225	121	104	15,001	7,489	7,512	DINWIDDIE
49	34	15	242	189	53	4,057	2,341	1,716	GREENSVILLE
911	317	594	1,687	965	722	18,633	9,808	8,825	PRINCE GEORGE
2		2	31	13	18	2,598	1,281	1,317	SURRY
21	5	16	31	19	12	4,655	2,704	1,951	SUSSEX
29	12	17	88	33	55	2,805	1,291	1,514	EMPORIA
434	153	281	627	338	289	15,553	7,591	7,962	HOPEWELL
368	123	245	582	278	304	8,390	3,806	4,584	PETERSBURG
3,722	1,668	2,054	3,912	1,933	1,979	134,835	66,865	67,970	CHESAPEAKE DISTRICT
8,636	4,427	4,209	9,173	5,155	4,018	119,462	65,032	54,430	NORFOLK DISTRICT
1,125	545	580	1,865	941	924	46,114	22,571	23,543	PORTSMOUTH DISTRICT
28,023	12,962	15,061	20,060	9,718	10,342	335,781	168,446	167,335	VIRGINIA BEACH DISTRICT
545	232	313	1,071	515	556	63,932	31,827	32,105	WESTERN TIDEWATER
133	46	87	331	157	174	18,852	9,394	9,458	ISLE OF WIGHT
23	10	13	107	69	38	8,741	4,545	4,196	SOUTHAMPTON
22	14	8	24	10	14	3,715	1,745	1,970	FRANKLIN CITY
367	162	205	609	279	330	32,624	16,143	16,481	SUFFOLK
3,412	1,266	2,146	3,946	1,884	2,062	74,550	37,114	37,436	HAMPTON DISTRICT
9,659	3,950	5,709	10,104	4,987	5,117	208,369	103,598	104,771	PENINSULA DISTRICT
887	402	485	796	378	418	35,723	17,511	18,212	JAMES CITY CO
1,961	783	1,178	1,521	733	788	45,920	22,991	22,929	YORK
6,102	2,447	3,655	7,390	3,698	3,692	105,843	52,995	52,848	NEWPORT NEWS
260	113	147	172	64	108	11,180	5,585	5,595	POQUOSON
449	205	244	225	114	111	9,703	4,516	5,187	WILLIAMSBURG
120	52	68	958	549	409	26,221	12,507	13,714	EASTERN SHORE
96	42	54	612	350	262	19,754	9,432	10,322	ACCOMACK
24	10	14	346	199	147	6,467	3,075	3,392	NORTHAMPTON

Note: Refer to population section for column details.

Table 2
Resident Births by Race and Ethnicity by Health District, Virginia, 1999

	Resident Live Births			Rate per 1,000			Live Births	Rate per 1,000	Live Births	Rate per 1,000
	Black	AEA	API	Black	AEA	API	Hispanic (any race)	White		
State of Virginia	21,987	148	4,613	15.9	7.6	17.9	6,537	24.6	67,103	12.9
LENOWISCO DISTRICT	6	2	6	3.2	20.2	22.4	4	7.1	999	11.3
LEE COUNTY		1	2		37.0	64.5	1	4.9	233	9.9
SCOTT COUNTY									233	10.4
WISE COUNTY	2	1	3	1.7	23.8	16.0	2	10.4	479	12.4
NORTON CITY	4		1	13.3	23.3		1	18.9	54	14.8
CUMBERLAND PLATEAU	17	1	3	6.1	8.1	6.4	1	1.1	1,227	10.5
BUCHANAN COUNTY		1	1		28.6	17.9			268	9.7
DICKENSON COUNTY									162	9.8
RUSSELL COUNTY	3			7.7			1	7.2	324	11.4
TAZEWELL COUNTY	14		2	9.1		5.5			473	10.7
MOUNT ROGERS DISTRICT	46	1	2	8.6	5.2	3.6	44	38.9	2,029	11.5
BLAND COUNTY									64	9.9
CARROLL COUNTY	1		2	5.9		43.5	2	8.0	285	10.3
GRAYSON COUNTY	4			6.8			9	75.6	180	11.4
SMYTH COUNTY	5			6.8			4	22.9	358	11.3
WASHINGTON COUNTY	6			6.7			1	3.8	495	10.2
WYTHE COUNTY	10	1		9.1	28.6		2	19.6	329	13.0
BRISTOL CITY	17			15.1			2	23.5	204	13.2
GALAX CITY	3			6.9			24	266.7	114	18.9
NEW RIVER DISTRICT	63	1	48	8.0	5.7	10.4	18	9.5	1,572	10.9
FLOYD COUNTY	2			5.2			1	9.0	150	11.7
GILES COUNTY	5		1	13.9		27.0	2	20.6	195	12.3
MONTGOMERY COUNTY	25	1	40	7.1	12.8	9.8	11	9.2	738	10.6
PULASKI COUNTY	19		2	7.9		17.7	4	16.0	360	11.3
RADFORD CITY	12		5	10.2		13.7			129	9.1
ALLEGHANY DISTRICT	89	1	31	11.9	6.0	20.6	16	11.6	1,597	10.4
ALLEGHANY COUNTY	1			3.2					111	9.4
BOTETOURT COUNTY	4	1	4	2.6	52.6	29.6			319	11.6
CRAIG COUNTY			1		125.0				53	10.8
ROANOKE COUNTY	39		21	15.8		21.1	11	14.6	795	10.2
CLIFTON FORGE CITY	14			19.1					36	10.4
COVINGTON CITY	6		1	5.3		15.6	1	25.0	78	13.8
SALEM CITY	25		4	19.9		16.5	4	22.6	205	9.1
ROANOKE CITY DISTRICT	390	2	18	15.0	11.4	18.2	25	24.7	968	14.6
CENTRAL SHENANDOAH	149	4	33	10.3	12.0	19.7	163	55.1	2,734	12.1
AUGUSTA COUNTY	16	1	7	6.2	17.9	31.7	6	14.3	622	10.7
BATH COUNTY	1			3.3			1	27.0	49	10.6
HIGHLAND COUNTY							1	100.0	19	7.7
ROCKBRIDGE COUNTY	3	1	1	4.1	22.7	12.8	2	21.7	210	11.2
ROCKINGHAM COUNTY	14		6	12.2		23.4	57	61.0	886	14.4
BUENA VISTA CITY	6		1	18.1		35.7			78	12.8
HARRISONBURG CITY	38	1	16	13.8	22.2	21.4	85	105.7	338	11.1
LEXINGTON CITY	5		1	5.0		8.8	2	22.0	43	6.9
STAUNTON CITY	34			9.5			2	7.0	216	10.4
WAYNESBORO CITY	32	1	1	15.3	22.2	15.2	7	26.5	273	16.0
LORD FAIRFAX DISTRICT	87	1	16	10.7	3.4	12.9	78	34.0	2,112	12.3
CLARKE COUNTY	5			3.8			3	21.0	113	9.9
FREDERICK COUNTY	23		5	17.3		12.2	9	14.7	695	12.7
PAGE COUNTY	6			10.3			1	5.2	250	11.1
SHENANDOAH COUNTY	6		4	12.5		21.4	26	48.6	358	10.4
WARREN COUNTY	11	1	3	6.0	17.5	21.0	7	14.6	427	14.9
WINCHESTER CITY	36		4	13.7		12.1	32	95.8	269	13.8
ALEXANDRIA DISTRICT	634	2	147	23.0	4.2	21.0	475	30.2	1,115	13.5
ARLINGTON DISTRICT	323	2	260	16.4	2.6	15.5	752	22.2	1,979	14.4
FAIRFAX DISTRICT	1,461	14	2,272	18.5	4.9	19.5	2,377	26.0	10,601	13.6
FAIRFAX COUNTY	1,438	14	2,220	18.6	5.1	19.5	2,302	25.9	10,289	13.7
FAIRFAX CITY	22		38	19.8		17.8	58	32.6	219	12.6
FALLS CHURCH CITY	1		14	2.8		20.3	17	18.0	93	10.5
LOUDOUN DISTRICT	190	6	216	14.4	17.5	37.7	242	38.5	2,616	19.1
PRINCE WILLIAM DISTRICT	1,005	9	263	24.7	7.5	18.7	788	35.7	4,247	16.6
PRINCE WILLIAM COUNTY	915	8	232	25.5	7.5	19.0	588	31.4	3,481	15.7
MANASSAS CITY	72	1	22	17.7	8.5	13.7	173	62.3	586	21.2
MANASSAS PARK CITY	18		9	26.5		30.2	27	46.2	180	26.1
RAPPAHANNOCK/RAPIDAN	188	2	17	8.6	5.8	14.9	45	23.4	1,382	12.4
CULPEPER COUNTY	68		6	9.5		11.6	15	41.7	335	13.0
FAUQUIER COUNTY	54		8	7.5		16.2	23	20.8	573	12.1
MADISON COUNTY	9			4.3			1	16.7	95	9.1
ORANGE COUNTY	53	1	3	12.0	25.0	34.1	4	14.4	279	13.2
RAPPAHANNOCK COUNTY	4	1		4.2	76.9		2	16.7	100	15.0
THOMAS JEFFERSON	406	3	55	11.5	10.8	13.3	57	20.5	1,938	12.8
ALBEMARLE COUNTY	111	1	32	11.8	11.9	11.6	32	21.9	851	12.5
FLUVANNA COUNTY	38		2	7.3		47.6	4	22.7	177	12.4
GREENE COUNTY	17		5	14.9		83.3	5	40.0	219	16.3
LOUISA COUNTY	54		1	7.3		14.5	2	9.5	256	14.7
NELSON COUNTY	25	1		8.1	58.8		4	21.2	133	12.0
CHARLOTTESVILLE CITY	161	1	15	17.9	27.0	12.9	10	16.1	302	11.3
CENTRAL VIRGINIA	557	2	25	12.4	4.5	18.8	10	5.2	2,025	11.5
AMHERST COUNTY	57		2	8.1		18.0	1	2.9	300	13.0
APPOMATTOX COUNTY	33			9.4					121	12.4
BEDFORD COUNTY	24	1	5	4.5	12.2	22.3	2	5.4	537	10.4
CAMPBELL COUNTY	119		4	14.0		15.4	1	2.7	535	12.9

Table 2
Resident Births by Race and Ethnicity by Health District, Virginia, 1999

	Resident Live Births			Rate per 1,000			Live Births	Rate per 1,000	Live Births	Rate per 1,000
	Black	AEA	API	Black	AEA	API	Hispanic (any race)	White		
CENTRAL VIRGINIA (con't)	557	2	25	12.4	4.5	18.8	10	5.2	2,025	11.5
BEDFORD CITY	18	1		11.0	100.0				67	13.5
LYNCHBURG CITY	306		14	16.3		20.8	6	8.7	465	10.5
PITTSYLVANIA/DANVILLE	566	6	15.1	13.7			29	37.3	760	10.9
PITTSYLVANIA COUNTY	200		1	11.5		11.2	17	44.7	547	13.9
DANVILLE CITY	366		5	18.1		14.3	12	30.2	213	7.1
WEST PIEDMONT	308	3	6	11.0	19.7	18.1	83	91.1	1,161	11.0
FRANKLIN COUNTY	52	1	2	9.2	17.9	16.5	9	36.6	459	11.7
HENRY COUNTY	133	1	4	9.1	16.9	28.2	54	142.1	432	10.6
PATRICK COUNTY	9	1		5.6	50.0		9	43.9	169	10.0
MARTINSVILLE CITY	114			19.2			11	137.5	101	11.2
SOUTHSIDE DISTRICT	467	5	11.5	30.3			14	22.5	505	11.1
BRUNSWICK COUNTY	104		2	9.0		125.0	3	33.3	69	10.3
HALIFAX COUNTY	189		2	11.9		24.7	6	17.5	254	12.2
MECKLENBURG COUNTY	174		1	13.3		14.7	5	26.3	182	10.2
PIEDMONT DISTRICT	417	5	10.7	16.6			18	23.0	561	10.7
AMELIA COUNTY	36			9.3			2	21.5	90	13.5
BUCKINGHAM COUNTY	58			8.4			2	30.8	52	6.6
CHARLOTTE COUNTY	68			13.6			3	39.0	90	12.2
CUMBERLAND COUNTY	29		1	8.6		66.7	2	29.9	51	11.4
LUNENBURG COUNTY	42		1	8.0		32.3	5	30.9	63	9.7
NOTTOWAY COUNTY	76		1	10.9		15.4	3	23.8	115	14.0
PRINCE EDWARD COUNTY	108		2	14.1		16.4	1	5.2	100	8.8
CHESTERFIELD DISTRICT	659	6	83	15.1	7.9	11.3	116	21.7	2,901	12.1
CHESTERFIELD COUNTY	606	4	76	15.8	6.1	11.2	111	22.5	2,513	12.1
POW/HATAN COUNTY	22	1		4.2	20.8		1	7.8	240	14.0
COLONIAL HEIGHTS CITY	31	1	7	196.2	20.0	12.8	4	14.6	148	9.6
HANOVER DISTRICT	177	5	26	7.3	5.2	37.4	10	10.5	1,289	13.2
CHARLES CITY COUNTY	44	1		9.1	1.8				30	16.4
GOOCHLAND COUNTY	33		2	5.5		31.3	1	13.9	131	11.3
HANOVER COUNTY	84	4	20	8.2	19.0	37.1	9	13.3	1,013	13.6
NEW KENT COUNTY	16		4	4.9		54.1			115	11.9
HENRICO DISTRICT	1,034	15	198	18.2	20.4	27.7	95	24.9	2,372	13.2
RICHMOND CITY DISTRICT	1,940	4	27	17.4	8.9	11.9	70	28.2	947	12.5
RAPPAHANNOCK DISTRICT	532	6	56	14.4	5.6	15.0	108	17.0	2,655	13.4
CAROLINE COUNTY	95		1	10.2		11.4	4	23.7	182	14.7
KING GEORGE COUNTY	50	1	4	12.2	19.6	16.9	3	9.6	178	13.4
SPOTSYLVANIA COUNTY	129		20	11.6	14.3		36	17.2	987	13.2
STAFFORD COUNTY	165	3	28	21.4	7.2	16.0	40	12.8	1,045	12.5
FREDERICKSBURG CITY	93	2	3	20.1	64.5	11.5	25	38.0	263	18.9
THREE RIVERS DISTRICT	396	3	8	10.7	5.1	11.7	32	21.8	951	10.2
LANCASTER COUNTY	51			13.7			1	8.5	50	6.6
NORTHUMBERLAND COUNTY	57		1	15.1		34.5	1	10.5	59	7.5
RICHMOND COUNTY	28			8.0			4	37.7	49	9.5
WESTMORELAND COUNTY	82			13.8			18	105.9	107	10.5
ESSEX COUNTY	44	1	2	11.6	19.2	34.5			59	11.3
GLOUCESTER COUNTY	39		4	8.4		11.5	5	8.8	337	11.1
KING AND QUEEN COUNTY	22	1		7.3	14.1				39	11.3
KING WILLIAM COUNTY	39	1	1	8.8	3.6	20.8	3	23.3	145	17.5
MATTHEWS COUNTY	8			5.4					47	6.1
MIDDLESEX COUNTY	26			9.5					59	8.4
CRATER DISTRICT	988	2	21	13.5	5.1	10.9	34	9.7	827	11.5
DINWIDDIE COUNTY	57		1	5.4		9.3	2	8.9	180	12.0
GREENSVILLE COUNTY	67			9.3					23	5.7
PRINCE GEORGE COUNTY	117		6	12.8		6.6	20	11.9	235	12.6
SURRY COUNTY	38			9.8			1	32.3	29	11.2
SUSSEX COUNTY	72			9.4			1	32.3	58	12.5
EMPORIA CITY	65		2	23.1		69.0			15	5.3
HOPEWELL CITY	130	1	5	19.7	15.4	11.5	2	3.2	192	12.3
PETERSBURG CITY	442	1	7	17.3	13.3	19.0	8	13.7	95	11.3
CHESAPEAKE DISTRICT	917	2	63	14.4	3.1	16.9	32	8.2	1,812	13.4
NORFOLK DISTRICT	1,974	9	128	20.4	7.8	14.8	170	18.5	1,624	13.6
PORTSMOUTH DISTRICT	910	2	29	17.9	6.7	25.8	23	12.3	653	14.2
VIRGINIA BEACH DISTRICT	1,440	21	336	21.2	12.1	12.0	282	14.1	4,284	12.8
WESTERN TIDEWATER	732	1	12	13.2	4.1	22.0	9	8.4	804	12.6
ISLE OF WIGHT COUNTY	112			10.6			4	12.1	222	11.8
SOUTHAMPTON COUNTY	82			9.2					96	11.0
FRANKLIN CITY	65	1	2	14.8	166.7	90.9	1	41.7	34	9.2
SUFFOLK CITY	473		10	14.9		27.2	4	6.6	452	13.9
HAMPTON DISTRICT	988	4	60	16.8	9.4	17.6	68	17.2	946	12.7
PENINSULA DISTRICT	1,654	11	128	18.7	10.6	13.3	183	18.1	2,600	12.5
JAMES CITY COUNTY	107	1	12	11.6	9.7	13.5	10	12.6	357	10.0
YORK COUNTY	108	1	20	10.4	5.6	10.2	15	9.9	513	11.2
NEWPORT NEWS CITY	1,423	9	92	21.4	12.7	15.1	154	20.8	1,590	15.0
POQUOSON CITY			2		7.7		1	5.8	86	7.7
WILLIAMSBURG CITY	16		2	6.9	4.5		3	13.3	54	5.6
EASTERN SHORE	277	1	4	15.0	15.4	33.3	66	68.9	310	11.8
ACCOMACK COUNTY	192	1	1	15.7	21.3	10.4	50	81.7	214	10.8
NORTHAMPTON COUNTY	85		3	13.5		125.0	16	46.2	96	14.8

Table 3
Resident Non-Marital Childbearing by Race and Ethnicity by Health District, Virginia, 1999

	Resident Non-Marital Childbearing			Percent			NMC Live Births	Percent	NMC Births	Percent
	Black	AEA	API	Black	AEA	API	Hispanic (any race)		White	
State of Virginia	13,844	45	422	63.0	30.4	9.1	2,453	37.5	13,565	20.2
LENOWISCO DISTRICT	5	1	83.3	16.7					281	28.1
LEE COUNTY									76	32.6
SCOTT COUNTY									51	21.9
WISE COUNTY	1		1	50.0		33.3			139	29.0
NORTON CITY	4			100.0					15	27.8
CUMBERLAND PLATEAU	14			82.4					313	25.5
BUCHANAN COUNTY									73	27.2
DICKENSON COUNTY									33	20.4
RUSSELL COUNTY	2			66.7					81	25.0
TAZEWELL COUNTY	12			85.7					126	26.6
MOUNT ROGERS DISTRICT	31	1		67.4	100.0		15	34.1	497	24.5
BLAND COUNTY									12	18.8
CARROLL COUNTY									77	27.0
GRAYSON COUNTY	3			75.0			1	50.0		
SMYTH COUNTY	3			60.0			1	11.1	44	24.4
WASHINGTON COUNTY	5			83.3			3	75.0	98	27.4
WYTHE COUNTY	6	1		60.0	100.0				71	21.6
BRISTOL CITY	11			64.7			1	50.0	58	28.4
GALAX CITY	3			100.0			9	37.5	35	30.7
NEW RIVER DISTRICT	41	1	3	65.1	100.0	6.3	6	33.3	345	21.9
FLOYD COUNTY	1			50.0					29	19.3
GILES COUNTY	3			60.0			2	100.0	43	22.1
MONTGOMERY COUNTY	17	1	1	68.0	100.0	2.5	2	18.2	147	19.9
PULASKI COUNTY	11		1	57.9	50.0		2	50.0	97	26.9
RADFORD CITY	9		1	75.0	20.0				29	22.5
ALLEGHANY DISTRICT	50	1	2	56.2	100.0	6.5	2	12.5	345	21.6
ALLEGHANY COUNTY									23	20.7
BOTETOURT COUNTY	1	1		25.0	100.0				57	17.9
CRAIG COUNTY									9	17.0
ROANOKE COUNTY	19		1	48.7		4.8	2	18.2	150	18.9
CLIFTON FORGE CITY	8			57.1					15	41.7
COVINGTON CITY	5		1	83.3	100.0				33	42.3
SALEM CITY	17			68.0					58	28.3
ROANOKE CITY DISTRICT	295	1	5	75.6	50.0	27.8	15	60.0	318	32.9
CENTRAL SHENANDOAH	103	2	3	69.1	50.0	9.1	71	43.6	727	26.6
AUGUSTA COUNTY	9		1	56.3		14.3	3	50.0	136	21.9
BATH COUNTY	1			100.0					12	24.5
HIGHLAND COUNTY									2	10.5
ROCKBRIDGE COUNTY	1	1		33.3	100.0				48	22.9
ROCKINGHAM COUNTY	9			64.3			24	42.1	244	27.5
BUENA VISTA CITY	6			100.0					23	29.5
HARRISONBURG CITY	26	1	2	68.4	100.0	12.5	41	48.2	103	30.5
LEXINGTON CITY	3			60.0			1	50.0	5	11.6
STAUNTON CITY	29			85.3					66	30.6
WAYNESBORO CITY	19			59.4			2	28.6	88	32.2
LORD FAIRFAX DISTRICT	53	1	2	60.9	100.0	12.5	25	32.1	609	28.8
CLARKE COUNTY	4			80.0					29	25.7
FREDERICK COUNTY	10		1	43.5		20.0	2	22.2	175	25.2
PAGE COUNTY	4			66.7			1	100.0	86	34.4
SHENANDOAH COUNTY	1			16.7			6	23.1	98	27.4
WARREN COUNTY	7	1		63.6	100.0		4	57.1	117	27.4
WINCHESTER CITY	27		1	75.0		25.0	12	37.5	104	38.7
ALEXANDRIA DISTRICT	309	1	16	48.7	50.0	10.9	247	52.0	208	18.7
ARLINGTON DISTRICT	128	1	24	39.6	50.0	9.2	326	43.4	402	20.3
FAIRFAX DISTRICT	580	3	143	39.7	21.4	6.3	903	38.0	1,471	13.9
FAIRFAX COUNTY	569	3	136	39.6	21.4	6.1	871	37.8	1,422	13.8
FAIRFAX CITY	10		5	45.5		13.2	26	44.8	37	16.9
FALLS CHURCH CITY	1		2	100.0		14.3	6	35.3	12	12.9
LOUDOUN DISTRICT	73		12	38.4		5.6	61	25.2	248	9.5
PRINCE WILLIAM DISTRICT	466	6	25	46.4	66.7	9.5	267	33.9	907	21.4
PRINCE WILLIAM COUNTY	424	5	24	46.3	62.5	10.3	184	31.3	708	20.3
MANASSAS CITY	34	1	1	47.2	100.0	4.5	75	43.4	159	27.1
MANASSAS PARK CITY	8			44.4			8	29.6	40	22.2
RAPPAHANNOCK/RAPIDAN	125	1	4	66.5	50.0	23.5	17	37.8	311	22.5
CULPEPER COUNTY	43			63.2			4	26.7	86	25.7
FAUQUIER COUNTY	36		4	66.7		50.0	10	43.5	115	20.1
MADISON COUNTY	7			77.8					22	23.2
ORANGE COUNTY	38			71.7			2	50.0	67	24.0
RAPPAHANNOCK COUNTY	1	1		25.0	100.0		1	50.0	21	21.0
THOMAS JEFFERSON	297	1	2	73.2	33.3	3.6	18	31.6	389	20.1
ALBEMARLE COUNTY	74	1	1	66.7	100.0	3.1	11	34.4	139	16.3
FLUVIANNA COUNTY	31			81.6			1	25.0	25	14.1
GREENE COUNTY	11			64.7			1	20.0	50	22.8
LOUISA COUNTY	35			64.8					81	31.6
NELSON COUNTY	17			68.0					32	24.1
CHARLOTTESVILLE CITY	129		1	80.1		6.7	5	50.0	62	20.5
CENTRAL VIRGINIA	412		2	74.0		8.0	2	20.0	457	22.6
AMHERST COUNTY	41		1	71.9		50.0			79	26.3
APPOMATTOX COUNTY	24			72.7					34	28.1
BEDFORD COUNTY	15			62.5			1	50.0	103	19.2
CAMPBELL COUNTY	92			77.3					125	23.4

Table 3
Resident Non-Marital Childbearing by Race and Ethnicity by Health District, Virginia, 1999

	Resident Non-Marital Childbearing			Percent			NMC Live Births	Percent	NMC Births	Percent
	Black	AEA	API	Black	AEA	API	Hispanic (any race)		White	
CENTRAL VIRGINIA (con't)	412	2	74.0	8.0			2	20.0	457	22.6
BEDFORD CITY	14		77.8						14	20.9
LYNCHBURG CITY	226	1	73.9		7.1		1	16.7	102	21.9
PITTSYLVANIA/DANVILLE	425		75.1				11	37.9	167	22.0
PITTSYLVANIA COUNTY	141		70.5				7	41.2	108	19.7
DANVILLE CITY	284		77.6				4	33.3	59	27.7
WEST PIEDMONT	215	1	69.8	33.3			23	27.7	298	25.7
FRANKLIN COUNTY	38	1	73.1	100.0			4	44.4	111	24.2
HENRY COUNTY	83		62.4				13	24.1	119	27.5
PATRICK COUNTY	6		66.7				1	11.1	32	18.9
MARTINSVILLE CITY	88		77.2				5	45.5	36	35.6
SOUTHSIDE DISTRICT	342		73.2				9	64.3	132	26.1
BRUNSWICK COUNTY	77		74.0				3	100.0	22	31.9
HALIFAX COUNTY	136		72.0				2	33.3	67	26.4
MECKLENBURG COUNTY	129		74.1				4	80.0	43	23.6
PIEDMONT DISTRICT	290	2	69.5	40.0			5	27.8	117	20.9
AMELIA COUNTY	21		58.3						15	16.7
BUCKINGHAM COUNTY	44		75.9						12	23.1
CHARLOTTE COUNTY	41		60.3				1	33.3	20	22.2
CUMBERLAND COUNTY	21	1	72.4		100.0				7	13.7
LUNENBURG COUNTY	33		78.6				2	40.0	11	17.5
NOTTOWAY COUNTY	56	1	73.7		100.0		1	33.3	34	29.6
PRINCE EDWARD COUNTY	74		68.5				1	100.0	18	18.0
CHESTERFIELD DISTRICT	321	1	5	48.7	16.7	6.0	46	39.7	522	18.0
CHESTERFIELD COUNTY	293	1	5	48.3	25.0	6.6	45	40.5	447	17.8
POWHATAN COUNTY	10			45.5					40	16.7
COLONIAL HEIGHTS CITY	18			58.1			1	25.0	35	23.6
HANOVER DISTRICT	105	2		59.3	40.0				150	11.6
CHARLES CITY COUNTY	29	1		65.9	100.0				11	36.7
GOOCHLAND COUNTY	15			45.5					12	9.2
HANOVER COUNTY	50	1		59.5	25.0				110	10.9
NEW KENT COUNTY	11			68.8					17	14.8
HENRICO DISTRICT	623	2	13	60.3	13.3	6.6	29	30.5	310	13.1
RICHMOND CITY DISTRICT	1,522	1	6	78.5	25.0	22.2	36	51.4	195	20.6
RAPPAHANNOCK DISTRICT	322		6	60.5		10.7	38	35.2	640	24.1
CAROLINE COUNTY	65			68.4					47	25.8
KING GEORGE COUNTY	29	1		58.0		25.0	1	33.3	38	21.3
SPOTSYLVANIA COUNTY	73	2		56.6	10.0		15	41.7	249	25.2
STAFFORD COUNTY	84	3		50.9		10.7	8	20.0	210	20.1
FREDERICKSBURG CITY	71			76.3			14	56.0	96	36.5
THREE RIVERS DISTRICT	282			71.2			14	43.8	223	23.4
LANCASTER COUNTY	38			74.5			1	100.0	17	34.0
NORTHUMBERLAND COUNTY	46			80.7			1	100.0	7	11.9
RICHMOND COUNTY	23			82.1			3	75.0	10	20.4
WESTMORELAND COUNTY	63			76.8			6	33.3	38	35.5
ESSEX COUNTY	33			75.0					15	25.4
GOLOUCESTER COUNTY	17			43.6			1	20.0	83	24.6
KING AND QUEEN COUNTY	17			77.3					11	28.2
KING WILLIAM COUNTY	26			66.7			2	66.7	20	13.8
MATHEWS COUNTY	2			25.0					11	23.4
MIDDLESEX COUNTY	17			65.4					11	18.6
CRATER DISTRICT	694	1	8	70.2	50.0	38.1	5	14.7	238	28.8
DINWIDDIE COUNTY	40			70.2					48	26.7
GREENSVILLE COUNTY	49			73.1					5	21.7
PRINCE GEORGE COUNTY	46	1		39.3		16.7	1	5.0	43	18.3
SURRY COUNTY	20			52.6			1	100.0	10	34.5
SUSSEX COUNTY	53			73.6					12	20.7
EMPORIA CITY	40	1		61.5		50.0			5	33.3
HOPEWELL CITY	101	1	4	77.7	100.0	80.0			84	43.8
PETERSBURG CITY	345	2		78.1		28.6	3	37.5	31	32.6
CHESAPEAKE DISTRICT	557	1	6	60.7	50.0	9.5	4	12.5	338	18.7
NORFOLK DISTRICT	1,380	4	33	69.9	44.4	25.8	59	34.7	448	27.6
PORTSMOUTH DISTRICT	660	7		72.5		24.1	7	30.4	178	27.3
VIRGINIA BEACH DISTRICT	743	7	58	51.6	33.3	17.3	80	28.4	807	18.8
WESTERN TIDEWATER	481	1	4	65.7	100.0	33.3	2	22.2	134	16.7
ISLE OF WIGHT COUNTY	80			71.4			1	25.0	42	18.9
SOUTHAMPTON COUNTY	57			69.5					12	12.5
FRANKLIN CITY	49	1		75.4	100.0				10	29.4
SUFFOLK CITY	295	4		62.4		40.0	1	25.0	70	15.5
HAMPTON DISTRICT	607	2	8	61.4	50.0	13.3	20	29.4	230	24.3
PENINSULA DISTRICT	1,071	2	22	64.8	18.2	17.2	60	32.8	523	20.1
JAMES CITY COUNTY	76	2		71.0		16.7	5	50.0	68	19.0
YORK COUNTY	63	2		58.3	10.0		2	13.3	64	12.5
NEWPORT NEWS CITY	922	2	18	64.8	22.2	19.6	52	33.8	358	22.5
POQUOSON CITY									17	19.8
WILLIAMSBURG CITY	10			62.5			1	33.3	16	29.6
EASTERN SHORE	222			80.1			30	45.5	87	28.1
ACCOMACK COUNTY	156			81.3			23	46.0	60	28.0
NORTHAMPTON COUNTY	66			77.6			7	43.8	27	28.1

Table 4
Resident Low Weight-Births by Race and Ethnicity by Health District, Virginia, 1999

	Resident Low Weight Births			Percent			Low Weight Births	Percent	LWB	Percent
	Black	AEA	API	Black	AEA	API	Hispanic (any race)		White	
State of Virginia	2,675	12	319	12.2	8.1	6.9	382	5.8	4,339	6.5
LENOWISCO DISTRICT									61	6.1
LEE COUNTY									11	4.7
SCOTT COUNTY									13	5.6
WISE COUNTY									33	6.9
NORTON CITY									4	7.4
CUMBERLAND PLATEAU	2			11.8					110	9.0
BUCHANAN COUNTY									18	6.7
DICKENSON COUNTY									18	11.1
RUSSELL COUNTY									23	7.1
TAZEWELL COUNTY	2			14.3					51	10.8
MOUNT ROGERS DISTRICT	3			6.5					146	7.2
BLAND COUNTY									3	4.7
CARROLL COUNTY									20	7.0
GRAYSON COUNTY									13	7.2
SMYTH COUNTY									29	8.1
WASHINGTON COUNTY									31	6.3
WYTHE COUNTY	1			10.0					30	9.1
BRISTOL CITY	1			5.9					12	5.9
GALAX CITY	1			33.3					8	7.0
NEW RIVER DISTRICT	2	1	2	3.2	100.0	4.2	2	11.1	121	7.7
FLOYD COUNTY									10	6.7
GILES COUNTY	1			20.0					18	9.2
MONTGOMERY COUNTY		1	2		100.0	5.0	2	18.2	54	7.3
PULASKI COUNTY	1			5.3					30	8.3
RADFORD CITY									9	7.0
ALLEGHANY DISTRICT	12	3		13.5	9.7				119	7.5
ALLEGHANY COUNTY									11	9.9
BOTETOURT COUNTY		2			50.0				21	6.6
CRAIG COUNTY									7	13.2
ROANOKE COUNTY	7	1		17.9	4.8				55	6.9
CLIFTON FORGE CITY									3	8.3
COVINGTON CITY	1			16.7					5	6.4
SALEM CITY	4			16.0					17	8.3
ROANOKE CITY DISTRICT	46	1		11.8	5.6	1	4.0	79	8.2	
CENTRAL SHENANDOAH	13	3		8.7	9.1	10	6.1	179	6.5	
AUGUSTA COUNTY	1	1		6.3	14.3				50	8.0
BATH COUNTY									4	8.2
HIGHLAND COUNTY									8	3.8
ROCKBRIDGE COUNTY									55	6.2
ROCKINGHAM COUNTY	1			7.1			6	10.5	6	7.7
BUENA VISTA CITY							4	4.7	23	6.8
HARRISONBURG CITY	3	2		7.9	12.5				3	7.0
LEXINGTON CITY	1			20.0					8	3.7
STAUNTON CITY	4			11.8					22	8.1
WAYNESBORO CITY	3			9.4						
LORD FAIRFAX DISTRICT	16			18.4		2	2.6	126	6.0	
CLARKE COUNTY									9	8.0
FREDERICK COUNTY	4			17.4					41	5.9
PAGE COUNTY	1			16.7					16	6.4
SHENANDOAH COUNTY						1	3.8	17	4.7	
WARREN COUNTY	2			18.2		1	14.3	25	5.9	
WINCHESTER CITY	9			25.0					18	6.7
ALEXANDRIA DISTRICT	75	16		11.8	10.9	25	5.3	60	5.4	
ARLINGTON DISTRICT	32	16		9.9	6.2	37	4.9	109	5.5	
FAIRFAX DISTRICT	153	155		10.5	6.8	152	6.4	629	5.9	
FAIRFAX COUNTY	150	153		10.4	6.9	147	6.4	615	6.0	
FAIRFAX CITY	3	1		13.6	2.6	2	3.4	6	2.7	
FALLS CHURCH CITY		1			7.1	3	17.6	8	8.6	
LOUDOUN DISTRICT	18	17		9.5	7.9	14	5.8	124	4.7	
PRINCE WILLIAM DISTRICT	95	17		9.5	6.5	42	5.3	255	6.0	
PRINCE WILLIAM COUNTY	81	16		8.9	6.9	34	5.8	209	6.0	
MANASSAS CITY	11			15.3		4	2.3	34	5.8	
MANASSAS PARK CITY	3	1		16.7	11.1	4	14.8	12	6.7	
RAPPAHANNOCK/RAPIDAN	18			9.6		1	2.2	83	6.0	
CULPEPER COUNTY	11			16.2					22	6.6
FAUQUIER COUNTY	4			7.4		1	4.3	35	6.1	
MADISON COUNTY									5	5.3
ORANGE COUNTY	3			5.7					15	5.4
RAPPAHANNOCK COUNTY									6	6.0
THOMAS JEFFERSON	37	3		9.1	5.5				119	6.1
ALBEMARLE COUNTY	8	1		7.2	3.1				50	5.9
FLUVANNA COUNTY	3			7.9					10	5.6
GREENE COUNTY	2	1		11.8	20.0				14	6.4
LOUISA COUNTY	7			13.0					19	7.4
NELSON COUNTY	1			4.0					6	4.5
CHARLOTTESVILLE CITY	16	1		9.9	6.7				20	6.6
CENTRAL VIRGINIA	59	2		10.6	8.0	2	20.0	121	6.0	
AMHERST COUNTY	5			8.8					11	3.7
APPOMATTOX COUNTY	4			12.1					6	5.0
BEDFORD COUNTY							1	50.0	37	6.9
CAMPBELL COUNTY	12	1		10.1	25.0				44	8.2

Table 4
Resident Low Weight-Births by Race and Ethnicity by Health District, Virginia, 1999

	Resident Low Weight Births			Percent			Low Weight Births Hispanic (any race)	Percent	LWB White	Percent
	Black	AEA	API	Black	AEA	API				
CENTRAL VIRGINIA (con't)	59	2		10.6	8.0		2	20.0	121	6.0
BEDFORD CITY	1			5.6					4	6.0
LYNCHBURG CITY	37	1		12.1	7.1		1	16.7	19	4.1
PITTSYLVANIA/DANVILLE	70	1		12.4	16.7		1	3.4	51	6.7
PITTSYLVANIA COUNTY	26			13.0			1	5.9	36	6.6
DANVILLE CITY	44	1		12.0	20.0				15	7.0
WEST PIEDMONT	38	1		12.3	16.7		6	7.2	82	7.1
FRANKLIN COUNTY	8	1		15.4	50.0		1	11.1	26	5.7
HENRY COUNTY	18			13.5			3	5.6	33	7.6
PATRICK COUNTY							1	11.1	14	8.3
MARTINSVILLE CITY	12			10.5			1	9.1	9	8.9
SOUTHSIDE DISTRICT	56			12.0			1	7.1	38	7.5
BRUNSWICK COUNTY	12	-		11.5			1	33.3	7	10.1
HALIFAX COUNTY	18			9.5					17	6.7
MECKLENBURG COUNTY	26			14.9					14	7.7
PIEDMONT DISTRICT	66	1		15.8	20.0		1	5.6	52	9.3
AMELIA COUNTY	3			8.3			1	50.0	7	7.8
BUCKINGHAM COUNTY	6			10.3					5	9.6
CHARLOTTE COUNTY	12			17.6					10	11.1
CUMBERLAND COUNTY	9			31.0					4	7.8
LUNENBURG COUNTY	6			14.3					5	7.9
NOTTOWAY COUNTY	10	1		13.2	100.0				17	14.8
PRINCE EDWARD COUNTY	20			18.5					4	4.0
CHESTERFIELD DISTRICT	71	5		10.8	6.0		8	6.9	201	6.9
CHESTERFIELD COUNTY	69	4		11.4	5.3		8	7.2	176	7.0
POW/HATAN COUNTY	2			9.1					12	5.0
COLONIAL HEIGHTS CITY		1			14.3				13	8.8
HANOVER DISTRICT	28	2		15.8	7.7		2	20.0	90	7.0
CHARLES CITY COUNTY	6			13.6					2	6.7
GOOCHLAND COUNTY	8			24.2					2	1.5
HANOVER COUNTY	10	2		11.9	10.0		2	22.2	80	7.9
NEW KENT COUNTY	4			25.0					6	5.2
HENRICO DISTRICT	142	4	13	13.7	26.7	6.6	4	4.2	172	7.3
RICHMOND CITY DISTRICT	297	4		15.3	14.8		8	11.4	61	6.4
RAPPAHANNOCK DISTRICT	60	4		11.3	7.1		5	4.6	177	6.7
CAROLINE COUNTY	19			20.0			1	25.0	15	8.2
KING GEORGE COUNTY	5			10.0					16	9.0
SPOTSYLVANIA COUNTY	12	1		9.3	5.0		1	2.8	59	6.0
STAFFORD COUNTY	12	2		7.3	7.1				63	6.0
FREDERICKSBURG CITY	12	1		12.9	33.3		3	12.0	24	9.1
THREE RIVERS DISTRICT	48	2		12.1	25.0		3	9.4	67	7.0
LANCASTER COUNTY	2			3.9			1	100.0	3	6.0
NORTHUMBERLAND COUNTY	7	1		12.3	100.0				7	11.9
RICHMOND COUNTY	4			14.3					3	6.1
WESTMORELAND COUNTY	5			6.1			2	11.1	12	11.2
ESSEX COUNTY	8			18.2					2	3.4
GOLOUCESTER COUNTY	5			12.8					19	5.6
KING AND QUEEN COUNTY	6			27.3					4	10.3
KING WILLIAM COUNTY	3	1		7.7	100.0				13	9.0
MATHEWS COUNTY	2			25.0					2	4.3
MIDDLESEX COUNTY	6			23.1					2	3.4
CRATER DISTRICT	138	4		14.0	19.0		2	5.9	62	7.5
DINWIDDIE COUNTY	5			8.8			1	50.0	9	5.0
GREENSVILLE COUNTY	11			16.4						
PRINCE GEORGE COUNTY	14			12.0					18	7.7
SURY COUNTY	2			5.3			1	100.0	6	20.7
SUSSEX COUNTY	7			9.7					5	8.6
EMPORIA CITY	13			20.0					1	6.7
HOPEWELL CITY	21	4		16.2	80.0				21	10.9
PETERSBURG CITY	65			14.7					2	2.1
CHESAPEAKE DISTRICT	105	6		11.5	9.5		1	3.1	124	6.8
NORFOLK DISTRICT	259	9		13.1	7.0		5	2.9	115	7.1
PORTSMOUTH DISTRICT	110			12.1					47	7.2
VIRGINIA BEACH DISTRICT	187	4	18	13.0	19.0	5.4	20	7.1	244	5.7
WESTERN TIDEWATER	87	2		11.9	16.7				52	6.5
ISLE OF WIGHT COUNTY	8			7.1					14	6.3
SOUTHAMPTON COUNTY	11			13.4					7	7.3
FRANKLIN CITY	7			10.8					1	2.9
SUFFOLK CITY	61	2		12.9	20.0				30	6.6
HAMPTON DISTRICT	112	1	6	11.3	25.0	10.0	3	4.4	64	6.8
PENINSULA DISTRICT	187	2	6	11.3	18.2	4.7	15	8.2	175	6.7
JAMES CITY COUNTY	18			16.8			1	10.0	13	3.6
YORK COUNTY	15	1		13.9	5.0		1	6.7	31	6.0
NEWPORT NEWS CITY	154	2	5	10.8	22.2	5.4	12	7.8	114	7.2
POQUOSON CITY							1	100.0	8	9.3
WILLIAMSBURG CITY									9	16.7
EASTERN SHORE	33			11.9			9	13.6	24	7.7
ACCOMACK COUNTY	24			12.5			8	16.0	15	7.0
NORTHAMPTON COUNTY	9			10.6			1	6.3	9	9.4

Table 5
Resident Births by Trimester Care Began by Race and Ethnicity, Virginia, 1999

Race	Total	Trimester Care Began									
		No Care	%	First	%	Second	%	Third	%	Unknown	%
Total	95,207	846	0.9	80,609	84.7	11,084	11.6	2,294	2.4	374	0.4
Black	21,987	415	1.9	16,227	73.8	4,307	19.6	912	4.1	76	0.3
AEA	148	-	-	113	76.4	30	20.3	4	2.7	1	
API	4,613	19	0.4	3,978	86.2	481	10.4	106	2.3	29	0.6
Other Races	1,356	21	1.5	1,019	75.1	235	17.3	71	5.2	10	0.7
Hispanic	6,537	87	1.3	4,802	73.5	1,304	19.9	316	4.8	28	0.4
White	67,103	391	0.6	59,222	88.3	6,031	9.0	1,201	1.8	258	0.4

Table 6
Resident Births With Alcohol, Tobacco and Drug Use By Mother's Race and Ethnicity, Virginia, 1999

Race	All Births	Alcohol Use		Tobacco Use		Drug Use	
			Percent		Percent		Percent
Total	95,207	617	0.6	8,541	9.0	625	0.7
Black	21,987	177	0.8	1,532	7.0	372	1.7
AEA	148	-	-	14	9.5	-	-
API	4,613	8	0.2	63	1.4	7	0.2
Other Races	1,356	5	0.4	27	2.0	3	0.2
Hispanic	6,537	14	0.2	86	1.3	11	0.2
White	67,103	427	0.6	6,905	10.3	243	0.4

Table 7
Resident Births By Education Of Mother By Race and Ethnicity, Virginia, 1999

Race	Total	Education Of Mother									
		0-6	%	7-8	%	9-12	%	College	%	Unknown	%
Total	95,207	1,541	1.6	1,432	1.5	41,854	44.0	49,756	52.3	624	0.7
Black	21,987	63	0.3	395	1.8	13,399	60.9	7,913	36.0	217	1.0
AEA	148	2	1.4	-	-	77	52.0	68	45.9	1	0.7
API	4,613	53	1.1	39	0.8	1,250	27.1	3,235	70.1	36	0.8
Other Races	1,356	183	13.5	63	4.6	590	43.5	482	35.5	38	2.8
Hispanic	6,537	1,283	19.6	379	5.8	2,988	45.7	1,802	27.6	85	1.3
White	67,103	1,240	1.8	935	1.4	26,538	39.5	38,058	56.7	332	0.5

Table 8
Resident Induced Fetal Deaths by Race and Ethnicity by Health District With Rates*, Virginia, 1999

	Resident Natural Fetal Deaths			Rate per 1,000			Fetal Deaths	Rate per 1,000	Fetal deaths	Rate
	Black	AEA	API	Black	AEA	API	Hispanic (any race)		White	
State of Virginia	1,920	13	167	5.4	2.6	2.4	191	2.7	5,216	4.4
LENOWISCO DISTRICT	1			3.5			1	7.8	80	4.5
LEE COUNTY	1			34.5					25	5.2
SCOTT COUNTY									2	
WISE COUNTY							1	17.5	47	5.8
NORTON CITY									6	7.8
CUMBERLAND PLATEAU									83	3.4
BUCHANAN COUNTY									23	3.8
DICKENSON COUNTY									12	3.5
RUSSELL COUNTY									12	2.0
TAZEWELL COUNTY									36	3.9
MOUNT ROGERS DISTRICT	6			5.0			5	22.4	135	3.8
BLAND COUNTY									1	.8
CARROLL COUNTY							1	24.4	19	3.6
GRAYSON COUNTY	1			7.6			1	24.4	14	4.7
SMYTH COUNTY									19	3.0
WASHINGTON COUNTY	3			15.6					27	2.7
WYTHE COUNTY	1			3.6					38	7.4
BRISTOL CITY									6	2.0
GALAX CITY	1			8.7			3	428.6	11	10.2
NEW RIVER DISTRICT	6	1		2.8	19.2				141	3.9
FLOYD COUNTY									16	6.5
GILES COUNTY									18	5.8
MONTGOMERY COUNTY	2	1		1.9	40.0				64	3.4
PULASKI COUNTY	3			6.2					30	4.6
RADFORD CITY	1			2.5					13	2.5
ALLEGHANY DISTRICT	7	1		4.4	2.5				118	3.6
ALLEGHANY COUNTY	1			15.9					13	5.6
BOTETOURT COUNTY									20	3.6
CRAIG COUNTY									3	3.0
ROANOKE COUNTY	3	1		4.6	3.7				61	3.6
CLIFTON FORGE CITY									6	10.3
COVINGTON CITY	1			4.4					5	4.8
SALEM CITY	2			7.6					10	2.0
ROANOKE CITY DISTRICT	36	2		5.4	7.9				87	6.4
CENTRAL SHENANDOAH	19	1		5.7	16.4		10	15.4	234	4.7
AUGUSTA COUNTY	3	1		8.0	111.1				68	5.6
BATH COUNTY									11	13.4
HIGHLAND COUNTY									2	4.6
ROCKBRIDGE COUNTY									12	3.3
ROCKINGHAM COUNTY	2			8.9			7	41.4	67	5.2
BUENA VISTA CITY									4	2.9
HARRISONBURG CITY	3			2.8			3	13.3	20	2.1
LEXINGTON CITY									1	.9
STAUNTON CITY	7			10.0					22	5.0
WAYNESBORO CITY	4			8.4					27	8.5
LORD FAIRFAX DISTRICT	7	2		3.9	5.7		4	8.5	163	4.6
CLARKE COUNTY									3	1.3
FREDERICK COUNTY	4	1		13.0	8.3		2	16.3	57	4.8
PAGE COUNTY									25	5.7
SHENANDOAH COUNTY							1	12.7	36	5.5
WARREN COUNTY			1		22.2				24	4.0
WINCHESTER CITY	3			4.9			1	14.3	18	4.4
ALEXANDRIA DISTRICT	14	5		1.7	2.5		4	0.9	33	1.5
ARLINGTON DISTRICT	22	1	19	3.8	4.6	3.9	17	1.8	112	3.1
FAIRFAX DISTRICT	40	1	54	1.7	1.4	1.8	48	1.9	678	3.6
FAIRFAX COUNTY	39	1	52	1.7	1.5	1.8	45	1.9	661	3.7
FAIRFAX CITY	1		2	3.0	3.6		1	2.2	10	2.6
FALLS CHURCH CITY							2	7.2	7	3.7
LOUDOUN DISTRICT	6	6		1.8	3.7		4	2.5	210	6.2
PRINCE WILLIAM DISTRICT	68	22		6.1	5.5		32	5.9	298	4.7
PRINCE WILLIAM COUNTY	64		18	6.5	5.2		18	3.8	232	4.2
MANASSAS CITY	4		2	3.8	4.8		12	18.6	53	7.8
MANASSAS PARK CITY					21.3		2	14.9	13	7.8
RAPPAHANNOCK/RAPIDAN	10	1		2.1	3.0		4	9.2	129	5.6
CULPEPER COUNTY	2			1.3			2	30.3	29	5.3
FAUQUIER COUNTY	4		1	2.5	7.0		2	7.7	62	6.0
MADISON COUNTY									9	4.5
ORANGE COUNTY	3			3.1					20	5.0
RAPPAHANNOCK COUNTY	1			7.0					9	6.9
THOMAS JEFFERSON	57	1		6.4	10.8		5	6.8	182	5.1
ALBEMARLE COUNTY	13			4.8			3	7.8	83	4.9
FLUVANNA COUNTY	4			3.5					16	5.5
GREENE COUNTY	2			7.4					10	3.2
LOUISA COUNTY	7			4.1					29	8.0
NELSON COUNTY	3			4.6			1	27.0	10	4.8
CHARLOTTESVILLE CITY	28	1		11.6	58.8		1	5.6	34	4.8
CENTRAL VIRGINIA	60			5.5					212	5.7
AMHERST COUNTY	8			4.8					24	4.7
APPOMATTOX COUNTY	5			6.0					13	6.7
BEDFORD COUNTY									64	5.8
CAMPBELL COUNTY	11			5.4					59	6.8

*Rates per 1,000 Female Population 15-44

Table 8
Resident Induced Fetal Deaths by Race and Ethnicity by Health District With Rates*, Virginia, 1999

	Resident Natural Fetal Deaths			Rate per 1,000			Fetal Deaths	Rate per 1,000	Fetal deaths	Rate
	Black	AEA	API	Black	AEA	API	Hispanic (any race)		White	
CENTRAL VIRGINIA (con't)	60			5.5					212	5.7
BEDFORD CITY									2	2.4
LYNCHBURG CITY	36			7.5					50	5.1
PITTSYLVANIA/DANVILLE	32			3.5			3	20.8	71	5.5
PITTSYLVANIA COUNTY	7			1.7			1	16.7	45	5.7
DANVILLE CITY	25			4.8			2	23.8	26	5.1
WEST PIEDMONT	25	1		3.7		11.2	5	26.6	81	3.9
FRANKLIN COUNTY	1			.7					22	2.7
HENRY COUNTY	12			3.4			3	50.8	38	4.8
PATRICK COUNTY							1	21.3	11	3.6
MARTINSVILLE CITY	12		1	8.4		125.0	1	90.9	10	7.1
SOUTHSIDE DISTRICT	51			5.7					51	6.5
BRUNSWICK COUNTY	18			7.5					9	8.6
HALIFAX COUNTY	14			3.8					21	5.6
MECKLENBURG COUNTY	19			6.5					21	7.0
PIEDMONT DISTRICT	48			5.9			2	13.6	40	3.9
AMELIA COUNTY	8			9.8					7	5.1
BUCKINGHAM COUNTY	6			4.5					5	3.7
CHARLOTTE COUNTY	8			7.0					10	8.3
CUMBERLAND COUNTY	8			10.7					2	2.3
LUNENBURG COUNTY	4			4.1			1	37.0	3	2.7
NOTTOWAY COUNTY	7			5.5					6	4.3
PRINCE EDWARD COUNTY	7			3.7			1	21.7	7	2.3
CHESTERFIELD DISTRICT	104	1	5	8.1	4.7	2.6	7	5.2	343	6.0
CHESTERFIELD COUNTY	94	1	5	7.9	5.0	2.9	7	5.5	289	5.7
POWHATAN COUNTY	2			2.4					30	8.2
COLONIAL HEIGHTS CITY	8			222.2					24	7.9
HANOVER DISTRICT	26	1	1	4.7	4.6	4.6	2	8.2	108	5.1
CHARLES CITY COUNTY	6	1		5.4	7.9				4	10.5
GOOCHLAND COUNTY	8			5.1					18	7.2
HANOVER COUNTY	10		1	4.6		6.1	2	10.8	76	4.7
NEW KENT COUNTY	2			3.0					10	4.5
HENRICO DISTRICT	132	1	6	7.7	5.4	3.1	5	5.2	269	6.5
RICHMOND CITY DISTRICT	231	2	5	8.0	16.8	6.9	6	9.7	117	6.9
RAPPAHANNOCK DISTRICT	41		2	4.6		1.8	5	3.2	174	3.8
CAROLINE COUNTY	10			4.7			1	21.7	9	3.5
KING GEORGE COUNTY	2			2.0					3	1.1
SPOTSYLVANIA COUNTY	11		1	4.0		2.5	2	4.0	72	4.1
STAFFORD COUNTY	12		1	6.5		1.9			68	3.5
FREDERICKSBURG CITY	6			5.1			2	12.2	22	6.0
THREE RIVERS DISTRICT	27			3.5			1	3.2	49	2.9
LANCASTER COUNTY	3			4.0					1	1.0
NORTHUMBERLAND COUNTY	1			1.4					1	.9
RICHMOND COUNTY	1			2.0					2	2.4
WESTMORELAND COUNTY	9			6.5					3	1.8
ESSEX COUNTY	3			3.5					7	7.2
GOLOUCESTER COUNTY	1			1.0			1	6.6	19	2.8
KING AND QUEEN COUNTY	2			3.1					3	4.7
KING WILLIAM COUNTY	6			5.8					12	6.7
MATHEWS COUNTY	1			3.5					1	.8
MIDDLESEX COUNTY										
CRATER DISTRICT	146	2		8.5	3.3		3	4.0	84	6.2
DINWIDDIE COUNTY	14			5.8					8	2.7
GREENSVILLE COUNTY	5			4.0					5	7.8
PRINCE GEORGE COUNTY	25		2	11.1		6.4	3	7.8	34	8.3
SURRY COUNTY	7			7.8					1	2.1
SUSSEX COUNTY	10			5.9					7	10.1
EMPORIA CITY	7			10.8					3	6.6
HOPEWELL CITY	12			7.3					13	4.4
PETERSBURG CITY	66			10.3					13	10.6
CHESAPEAKE DISTRICT	73	5		4.6	4.8				136	4.4
NORFOLK DISTRICT	149	5		6.0	2.3		1	0.5	86	3.5
PORTSMOUTH DISTRICT	89	1		7.3	3.9		2	4.9	47	5.0
VIRGINIA BEACH DISTRICT	100	1	18	5.3	2.0	2.4	4	0.7	318	4.0
WESTERN TIDEWATER	74			5.7			1	3.9	90	7.0
ISLE OF WIGHT COUNTY	14			5.5					30	7.7
SOUTHAMPTON COUNTY	9			5.2					9	5.8
FRANKLIN CITY	4			3.8					5	7.2
SUFFOLK CITY	47			6.1			1	6.9	46	6.9
HAMPTON DISTRICT	78	1	3	4.8	9.8	2.8	1	1.0	72	4.6
PENINSULA DISTRICT	115	1	1	5.0	3.5	.3	3	1.1	158	3.4
JAMES CITY COUNTY	3			1.4					31	4.2
YORK COUNTY	3			1.2			1	2.4	31	3.1
NEWPORT NEWS CITY	104		1	5.9		.5	2	1.1	89	3.8
POQUOSON CITY									5	2.0
WILLIAMSBURG CITY	5	1		7.8	142.9				2	.6
EASTERN SHORE	20			4.8			6	35.7	27	6.1
ACCOMACK COUNTY	14			4.9			5	44.6	18	5.4
NORTHAMPTON COUNTY	6			4.6			1	17.9	9	8.5

*Rates per 1,000 Female Population 15-44

Table 9
Resident Induced Terminations by Race and Ethnicity by Health District With Rates*, Virginia, 1999

	Induced Terminations			Rate per 1,000			Induced Terms.	Rate per 1,000	Induced	Rate	
	Black	AEA	API	Black	AEA	API		Hispanic (any race)			White
State of Virginia	10,656	58	1,442	30.2	11.8	20.5		1,630	23.3	14,433	12.3
LENOWISCO DISTRICT				1		15.4				9	0.5
LEE COUNTY										1	0.2
SCOTT COUNTY										1	0.2
WISE COUNTY										6	0.7
NORTON CITY				1		76.9				1	1.3
CUMBERLAND PLATEAU	3			6.7			2	11.0	16	0.6	
BUCHANAN COUNTY										1	0.2
DICKENSON COUNTY										1	0.3
RUSSELL COUNTY	1			15.4			1	47.6		1	0.2
TAZEWELL COUNTY	2			6.3			1	21.7	13		1.4
MOUNT ROGERS DISTRICT	7	1	1	5.8	22.2	6.6		1	4.5	84	2.4
BLAND COUNTY										3	2.5
CARROLL COUNTY										20	3.8
GRAYSON COUNTY		1			500.0					9	3.0
SMYTH COUNTY										9	1.4
WASHINGTON COUNTY	6			31.3		23.3		1	14.5	6	0.6
WYTHE COUNTY	1			3.6						22	4.3
BRISTOL CITY										3	1.0
GALAX CITY										12	11.1
NEW RIVER DISTRICT	42	2	14	19.9	38.5	9.1		7	11.3	337	9.4
FLOYD COUNTY								1	47.6	18	7.3
GILES COUNTY	2		1	27.0		166.7		1	71.4	15	4.9
MONTGOMERY COUNTY	25	2	11	23.2	80.0	8.3		4	9.2	192	10.3
PULASKI COUNTY	5			10.3						57	8.7
RADFORD CITY	10		2	24.9		12.3		1	10.0	55	10.7
ALLEGHANY DISTRICT	37		2	23.1		5.0		4	13.1	326	10.0
ALLEGHANY COUNTY	2			31.7						15	6.5
BOTETOURT COUNTY	3		1	11.7		27.0		1	22.7	49	8.8
CRAIG COUNTY										3	3.0
ROANOKE COUNTY	22		1	34.0		3.7		3	15.4	173	10.1
CLIFTON FORGE CITY	1			6.9						11	18.9
COVINGTON CITY	1			4.4						14	13.4
SALEM CITY	8			30.3						61	12.4
ROANOKE CITY DISTRICT	162	1	2	24.1	22.2	7.9		8	33.6	220	16.3
CENTRAL SHENANDOAH	46		7	13.8		12.7		21	32.3	362	7.3
AUGUSTA COUNTY	6			16.0						90	7.4
BATH COUNTY	4			74.1						3	3.6
HIGHLAND COUNTY										1	2.3
ROCKBRIDGE COUNTY										20	5.6
ROCKINGHAM COUNTY	11		2	49.1		32.8		11	65.1	80	6.2
BUENA VISTA CITY										10	7.2
HARRISONBURG CITY	5		5	4.7		18.2		7	31.1	65	6.7
LEXINGTON CITY	1			5.2				1	71.4	17	15.8
STAUNTON CITY	7			10.0						32	7.3
WAYNESBORO CITY	12			25.1				2	47.6	44	13.8
LORD FAIRFAX DISTRICT	22	2	2	12.3	33.3	5.7		4	8.5	213	6.0
CLARKE COUNTY	1			3.7						16	7.0
FREDERICK COUNTY	3			9.8						40	3.3
PAGE COUNTY	1	1		10.8	125.0			1	26.3	31	7.1
SHENANDOAH COUNTY	1			8.8						31	4.7
WARREN COUNTY	9			22.6				1	7.9	59	9.8
WINCHESTER CITY	7	1	2	11.4	125.0	18.0		2	28.6	36	8.8
ALEXANDRIA DISTRICT	687	6	149	85.6	35.1	73.5		211	46.8	571	25.7
ARLINGTON DISTRICT	201	5	96	34.5	23.0	19.6		308	32.0	619	16.9
FAIRFAX DISTRICT	573	14	698	24.8	19.7	23.1		590	23.6	2,252	12.1
FAIRFAX COUNTY	540	13	647	23.8	19.0	21.9		540	22.3	2,095	11.6
FAIRFAX CITY	21	1	32	63.1	71.4	58.2		21	45.2	82	21.3
FALLS CHURCH CITY	12		19	122.4		110.5		29	104.3	75	39.7
LOUDOUN DISTRICT	57		31	16.8		19.2		38	23.9	391	11.5
PRINCE WILLIAM DISTRICT	494	1	89	44.5	3.0	22.3		112	20.5	997	15.8
PRINCE WILLIAM COUNTY	405	1	66	41.0	3.3	19.0		61	13.0	636	11.6
MANASSAS CITY	86		22	81.9		52.3		47	73.0	322	47.4
MANASSAS PARK CITY	3		1	16.4		10.6		4	29.9	39	23.3
RAPPAHANNOCK/RAPIDAN	74		4	15.9		11.9		3	6.9	256	11.0
CULPEPER COUNTY	31		1	20.4		6.5		2	30.3	63	11.5
FAUQUIER COUNTY	19		2	12.1		14.0				116	11.2
MADISON COUNTY	4			8.8				1	83.3	16	8.0
ORANGE COUNTY	20			20.7						48	11.9
RAPPAHANNOCK COUNTY			1			166.7				13	10.0
THOMAS JEFFERSON	167	1	16	18.8	10.8	10.7		16	21.9	430	12.1
ALBEMARLE COUNTY	61		7	22.7		7.1		7	18.1	185	11.0
FLUVANNA COUNTY	11			9.5				1	24.4	27	9.2
GREENE COUNTY	6			22.1						45	14.4
LOUISA COUNTY	17			9.9						49	13.6
NELSON COUNTY	10			15.2				1	27.0	30	14.4
CHARLOTTESVILLE CITY	62	1	9	25.7	58.8	20.3		7	39.5	94	13.3
CENTRAL VIRGINIA	240	1	6	22.0	11.4	15.6		2	3.5	356	9.5
AMHERST COUNTY	17	1	1	10.2	38.5	22.2				57	11.1
APPOMATTOX COUNTY	16				19.3					15	7.8
BEDFORD COUNTY	19		2	15.5		42.6				78	7.1
CAMPBELL COUNTY	43		2	21.0		27.0		2	23.5	85	9.8

*Rates per 1,000 Female Population 15-44

Table 9
Resident Induced Terminations by Race and Ethnicity by Health District With Rates*, Virginia, 1999

	Induced Terminations			Rate per 1,000			Induced Terms.	Rate per 1,000	Induced	Rate
	Black	AEA	API	Black	AEA	API				
CENTRAL VIRGINIA (con't)	240	1	6	22.0	11.4	15.6	2	3.5	356	9.5
BEDFORD CITY	10			27.7					15	18.0
LYNCHBURG CITY	135		1	28.2		4.9			106	10.8
PITTSYLVANIA/DANVILLE	184	2	2	19.9	83.3	18.9	1	6.9	114	8.8
PITTSYLVANIA COUNTY	46			11.3					47	6.0
DANVILLE CITY	138	2	2	26.6	133.3	24.4	1	11.9	67	13.2
WEST PIEDMONT	97		2	14.3		22.5	6	31.9	204	9.9
FRANKLIN COUNTY	14			10.0			2	28.2	76	9.4
HENRY COUNTY	31			8.7			2	33.9	66	8.3
PATRICK COUNTY	3		1	8.4		166.7	1	21.3	15	4.9
MARTINSVILLE CITY	49		1	34.1		125.0	1	90.9	47	33.4
SOUTHSIDE DISTRICT	170		1	18.9		32.3	4	36.4	108	13.8
BRUNSWICK COUNTY	48			19.9			1	125.0	11	10.5
HALIFAX COUNTY	72			19.7			3	45.5	62	16.5
MECKLENBURG COUNTY	50		1	17.2		100.0			35	11.6
PIEDMONT DISTRICT	155		3	18.9		41.7	4	27.2	101	9.8
AMELIA COUNTY	10			12.2					14	10.1
BUCKINGHAM COUNTY	17		1	12.8		76.9	1	100.0	13	9.6
CHARLOTTE COUNTY	21			18.4					12	9.9
CUMBERLAND COUNTY	14		1	18.8		250.0			5	5.8
LUNENBURG COUNTY	19			19.5			2	74.1	14	12.7
NOTTOWAY COUNTY	33		1	25.7		83.3			20	14.2
PRINCE EDWARD COUNTY	41			21.7			1	21.7	23	7.7
CHESTERFIELD DISTRICT	398	2	31	31.1	9.4	16.4	24	17.8	690	12.1
CHESTERFIELD COUNTY	360	1	26	30.2	5.0	15.0	20	15.7	591	11.7
POWHATAN COUNTY	6			7.2					35	9.5
COLONIAL HEIGHTS CITY	32	1	5	888.9	142.9	36.8	4	81.6	64	21.2
HANOVER DISTRICT	101		8	18.3		36.9	9	36.9	221	10.4
CHARLES CITY COUNTY	18			16.3					6	15.7
GOOCHLAND COUNTY	22			14.0					21	8.5
HANOVER COUNTY	55		8	25.2		48.8	9	48.4	159	9.8
NEW KENT COUNTY	6			9.0					35	15.8
HENRICO DISTRICT	674	2	61	39.3	10.8	31.4	41	42.4	582	14.0
RICHMOND CITY DISTRICT	1,038	1	32	36.0	8.4	44.4	36	58.3	497	29.3
RAPPAHANNOCK DISTRICT	202	3	22	22.8	12.0	19.7	21	13.3	579	12.5
CAROLINE COUNTY	52	1		24.4	20.0		2	43.5	37	14.3
KING GEORGE COUNTY	13		1	13.3		14.1	2	23.3	35	12.3
SPOTSYLVANIA COUNTY	35	1	6	12.8	12.0	15.1	4	7.9	165	9.3
STAFFORD COUNTY	47		8	25.6		15.4	12	15.5	202	10.4
FREDERICKSBURG CITY	55	1	7	46.3	111.1	73.7	1	6.1	140	38.0
THREE RIVERS DISTRICT	117	1		15.1	9.0		5	16.2	213	12.6
LANCASTER COUNTY	16			21.2					15	15.3
NORTHUMBERLAND COUNTY	10			13.8					15	13.9
RICHMOND COUNTY	8			15.6			1	125.0	12	14.6
WESTMORELAND COUNTY	17			12.3			1	37.0	22	13.4
ESSEX COUNTY	13			15.1					17	17.6
GOOCHLAND COUNTY	13	1		12.8	35.7		2	13.2	81	12.1
KING AND QUEEN COUNTY	14			21.5					3	4.7
KING WILLIAM COUNTY	15			14.6			1	41.7	24	13.5
MATHEWS COUNTY	1			3.5					13	10.0
MIDDLESEX COUNTY	10			18.8					11	10.1
CRATER DISTRICT	501		9	29.0		14.9	10	13.4	198	14.6
DINWIDDIE COUNTY	43			17.7			1	23.3	41	13.6
GREENVILLE COUNTY	21			16.7					10	15.7
PRINCE GEORGE COUNTY	60	3		26.7		9.6	2	5.2	41	10.0
SURRY COUNTY	9			10.0					5	10.6
SUSSEX COUNTY	24	1		14.0		125.0			8	11.5
EMPORIA CITY	22			33.9					9	19.7
HOPEWELL CITY	80	4		48.5	29.0		4	27.8	46	15.4
PETERSBURG CITY	242	1		37.6	10.4		3	24.6	38	31.1
CHESAPEAKE DISTRICT	411	1	12	25.7	6.2	11.6	3	3.1	389	12.6
NORFOLK DISTRICT	1,060	3	18	42.9	10.5	8.3	30	14.5	550	22.5
PORTSMOUTH DISTRICT	350		4	28.7		15.6	7	17.0	151	16.1
VIRGINIA BEACH DISTRICT	871	2	70	46.3	4.0	9.5	55	10.3	1,363	16.9
WESTERN TIDEWATER	207		2	15.9		12.4	1	3.9	137	10.7
ISLE OF WIGHT COUNTY	43			16.8					49	12.6
SOUTHAMPTON COUNTY	21			12.2					11	7.1
FRANKLIN CITY	19			18.0					6	8.7
SUFFOLK CITY	124	2		16.2		19.8	1	6.9	71	10.7
HAMPTON DISTRICT	557	1	15	34.0	9.8	13.9	9	8.7	232	14.7
PENINSULA DISTRICT	666	6	32	29.2	21.1	10.7	36	13.6	600	12.8
JAMES CITY COUNTY	21		2	9.5		8.8	2	9.9	47	6.3
YORK COUNTY	35	1	3	14.5	18.9	4.9	2	4.8	105	10.6
NEWPORT NEWS CITY	592	4	26	33.8	20.6	13.8	31	16.4	383	16.2
POQUOSON CITY									24	9.5
WILLIAMSBURG CITY	18	1	1	28.2	142.9	4.8	1	11.2	41	12.3
EASTERN SHORE	69			16.6					59	13.4
ACCOMACK COUNTY	40			14.0					44	13.1
NORTHHAMPTON COUNTY	29			22.2					15	14.2
UNKNOWN VIRGINIA	16						1		6	

*Rates per 1,000 Female Population 15-44

Table 10
Teenage Pregnancies by Race by Health District With Rates per 1,000 Female Population 10-19, Virginia, 1999

	Ages 10-14		AEA Rate	API Rate	Ages 15-17			
	Black	Rate			Black	Rate	AEA	Rate
State of Virginia	277	5.0		2	0.2	2,101	61.5	8 18.3 73 12.9
LENOWISCO DISTRICT					1	26.0		
LEE								
SCOTT								
WISE					1	92.6		
NORTON								
CUMBERLAND PLATEAU					1	19.4		
BUCHANAN								
DICKENSON								
RUSSELL								
TAZEWELL					1	26.9		
MOUNT ROGERS DISTRICT	2	11.2			8	51.5		
BLAND								
CARROLL								
GRAYSON	1	43.5						
SMYTH					1	24.5		
WASHINGTON	1	45.5			1	49.0		
WYTHE					2	72.5		
BRISTOL					3	90.9		
GALAX					1	79.4		
NEW RIVER DISTRICT					7	23.2		
FLOYD								
GILES					1	185.2		
MONTGOMERY					2	12.7		
PULASKI					3	52.1		
RADFORD					1	13.9		
ALLEGHANY DISTRICT					9	54.5		1 24.2
ALLEGHANY								
BOTETOURT					1	35.5		
CRAIG								
ROANOKE					4	68.0		1 34.0
CLIFTON FORGE								
COVINGTON					2	69.4		
SALEM					2	74.1		
ROANOKE CITY DISTRICT	12	11.4			57	82.9	1	238.1
CENTRAL SHENANDOAH	2	4.1			12	24.8		
AUGUSTA					1	25.3		
BATH								
HIGHLAND								
ROCKBRIDGE					1	104.2		
ROCKINGHAM	1	25.6			1	50.5		
BUENA VISTA								
HARRISONBURG	1	13.0			1	4.0		
LEXINGTON					1	34.7		
STAUNTON					5	66.1		
WAYNESBORO					2	47.6		
LORD FAIRFAX DISTRICT	1	3.3			11	52.7		
CLARKE								
FREDERICK					1	27.3		
PAGE								
SHENANDOAH								
WARREN	1	14.9			5	119.0		
WINCHESTER					5	70.0		
ALEXANDRIA DISTRICT	2	2.2			37	72.6	1	98.0 2 18.1
ARLINGTON DISTRICT	1	2.0			17	49.0		3 11.4
FAIRFAX DISTRICT	7	2.2			54	30.4	1	13.7 25 10.5
FAIRFAX	7	2.3			52	29.8	1	14.0 23 9.8
FAIRFAX CITY					1	37.9		1 25.6
FALLS CHURCH					1	119.0		1 98.0
LOUDOUN					8	25.5		3 31.4
PRINCE WILLIAM DISTRICT	10	5.2			73	79.7	1	32.7 5 18.5
PRINCE WILLIAM	7	4.1			62	75.3	1	37.0 4 17.1
MANASSAS	3	16.4			11	154.1		1 31.4
MANASSAS PARK								
RAPPAHANNOCK/RAPIDAN	2	2.3			25	56.8		
CULPEPER	1	3.6			12	92.6		
FAUQUIER					6	38.9		
MADISON					1	19.6		
ORANGE	1	5.0			6	64.1		
RAPPAHANNOCK								
THOMAS JEFFERSON	6	4.5			30	31.3		
ALBEMARLE	2	6.9			8	23.9		
FLUVANNA	1	5.1						
GREENE					4	229.9		
LOUISA					2	10.7		
NELSON	2	17.4			1	13.4		
CHARLOTTESVILLE	1	2.7			15	69.8		
CENTRAL VIRGINIA	4	2.2			61	52.3		1 21.6
AMHERST	1	4.2			7	34.9		
APPOMATTOX					2	21.4		
BEDFORD					4	31.0		
CAMPBELL	1	3.0			10	43.7		

*In some areas, meaningful rates cannot be calculated due to estimates based on 1990 Population.

Table 10
Teenage Pregnancies by Race by Health District With Rates per 1,000 Female Population 10-19, Virginia, 1999

Ages 18-19				Ages 10-14		Ages 15-17		Ages 18-19		
Black	Rate	AEA	Rate	API	Rate	White	Rate	White	Rate	
4,103	180.1	15	51.4	217	57.6	137	0.8	2,600	26.2	5,878 88.7 TOTAL
2	78.1					3	0.9	55	27.8	126 95.6 LENOWISCO DISTRICT
						1	1.0	13	24.0	33 91.3 LEE
						2	1.3	15	32.5	20 64.9 SCOTT
2	277.8							22	24.6	66 110.8 WISE
1	29.1							5	63.1	7 132.6 NORTON
						2	0.4	59	22.0	145 81.0 CUMBERLAND PLATEAU
								19	28.0	34 75.3 BUCHANAN
1	312.5							11	28.1	21 80.4 DICKENSON
								12	18.9	40 94.4 RUSSELL
								17	17.4	50 76.5 TAZEWELL
4	38.6					3	0.5	98	27.1	235 97.3 MOUNT ROGERS DISTRICT
								2	16.1	4 48.3 BLAND
								12	22.7	32 90.9 CARROLL
								10	31.2	18 84.3 GRAYSON
2	147.1							15	21.5	43 92.5 SMYTH
1	54.3							22	21.1	50 72.1 WASHINGTON
1	45.5							11	21.9	43 128.4 WYTHE
								14	44.5	27 128.8 BRISTOL
								12	125.8	18 283.0 GALAX
11	54.7	1	208.3	1	10.5	3	0.8	82	17.2	191 59.9 NEW RIVER DISTRICT
								5	22.3	23 153.7 FLOYD
9	85.6	1	312.5	1	13.4	2	1.2	31	12.4	81 48.6 MONTGOMERY
2	41.7					1	1.1	28	41.0	45 98.9 PULASKI
								7	6.6	22 30.9 RADFORD
15	136.4	1	277.8	1	36.2			81	25.1	151 70.1 ALLEGHENY DISTRICT
				1	*			8	34.1	10 63.9 ALLEGHENY
								10	18.4	29 79.9 BOTETOURT
7	178.6			1	51.0			4	44.7	3 50.3 CRAIG
2	227.3							41	24.5	62 55.6 ROANOKE
1	52.1							4	74.9	7 196.6 CLIFTON FORGE
5	277.8							4	42.2	16 253.2 COVINGTON
								10	18.5	24 66.7 SALEM
60	130.9					1	62.5	4	2.6	59 60.4 104 159.7 ROANOKE CITY
24	74.3	1	416.7	1	18.1	3	0.4	143	26.0	299 81.7 CENTRAL SHENANDOAH
4	151.5							27	24.2	72 96.7 AUGUSTA
								1	12.5	3 56.4 BATH
				1	*			1	27.8	HIGHLAND
3	227.3							12	36.6	12 54.9 ROCKBRIDGE
1	178.6			1	357.1	1	0.5	53	43.7	101 125.0 ROCKINGHAM
4	23.8					1	5.4	1	4.5	9 60.2 BUENA VISTA
1	52.1							16	10.7	43 43.2 HARRISONBURG
6	119.0							1	5.5	4 32.8 LEXINGTON
5	178.6							1	22.1	20 55.4 STAUNTON
								19	68.4	35 189.0 WAYNESBORO
10	71.8	1	277.8			5	0.9	101	32.8	208 101.2 LORD FAIRFAX DISTRICT
1	43.9							9	49.8	10 83.1 CLARKE
2	82.0							1	25.5	62 91.3 FREDERICK
								1	1.4	24 101.4 PAGE
7	147.1							1	0.9	13 114.4 SHENANDOAH
				1	*			21	41.0	41 120.0 WARREN
								2	4.1	8 91.5 WINCHESTER
80	235.6			16	217.4	4	3.5	30	38.8	60 116.5 ALEXANDRIA DISTRICT
41	177.3			11	62.8	3	1.3	50	32.6	97 94.7 ARLINGTON DISTRICT
154	130.0	1	20.5	66	41.4	5	0.2	218	15.8	528 57.4 FAIRFAX DISTRICT
147	126.5	1	21.0	65	41.6	5	0.2	210	15.7	498 55.7 FAIRFAX
5	284.1							7	24.9	17 90.6 FAIRFAX CITY
2	357.1			1	147.1			1	8.6	13 167.5 FALLS CHURCH
20	95.6			3	47.2	1	0.2	52	21.3	101 61.9 LOUDOUN
159	260.3	1	49.0	19	105.3	11	1.1	200	38.3	367 105.4 PRINCE WILLIAM DISTRICT
145	264.0	1	55.6	12	77.1	5	0.6	143	31.0	273 88.9 PRINCE WILLIAM
12	252.1			7	330.2	4	4.4	51	105.6	83 257.8 MANASSAS
2	142.9					2	7.4	6	44.8	11 123.3 MANASSAS PARK
47	160.3					4	1.1	68	35.0	143 110.3 RAPPAHANNOCK/RAPIDAN
12	138.9					2	2.2	13	27.8	33 105.9 CULPEPER
16	155.6					1	0.6	29	34.0	67 117.8 FAUQUIER
5	147.1							3	18.1	9 81.2 MADISON
14	224.4							18	50.8	27 114.4 ORANGE
								5	47.9	7 100.6 RAPPAHANNOCK
85	133.0	1	147.1	3	25.9	4	0.9	67	21.4	170 81.5 THOMAS JEFFERSON
26	116.3			2	21.7	2	1.0	30	17.7	72 63.6 ALBEMARLE
9	104.2							7	30.4	14 91.1 FLUVANNA
12	96.2							7	30.9	16 105.8 GREENE
5	100.8					1	1.7	14	46.6	28 139.7 LOUISA
33	230.4	1	500.0	1	41.7	1	2.1	2	11.4	18 154.1 NELSON
								7	14.1	22 66.3 CHARLOTTESVILLE
126	162.1					6	1.1	86	21.7	192 72.6 CENTRAL VIRGINIA
10	74.9					1	1.4	15	26.5	33 87.3 AMHERST
8	128.2							8	38.6	12 87.0 APPOMATTOX
3	34.9							20	21.5	40 64.4 BEDFORD
32	210.0							1	0.8	63 114.4 CAMPBELL

*In some areas, meaningful rates cannot be calculated due to estimates based on 1990 Population.

Table 10
Teenage Pregnancies by Race by Health District With Rates per 1,000 Female Population 10-19, Virginia, 1999

	Ages 10-14						Ages 15-17					
	Black	Rate	AEA	Rate	API	Rate	Black	Rate	AEA	Rate	API	Rate
CENTRAL VIRGINIA (con't)												
BEDFORD CITY	4	2.2					61	52.3			1	21.6
LYNCHBURG	2	2.5					34	69.4			1	37.9
PITTSYLVANIA/DANVILLE	6	3.8					58	60.8				
PITTSYLVANIA	2	2.7					24	53.1				
DANVILLE	4	4.9					34	67.6				
WEST PIEDMONT	4	3.5					35	47.7				
FRANKLIN	1	4.1					8	44.2				
HENRY	1	1.7					6	16.7				
PATRICK	1	13.7					1	19.2				
MARTINSVILLE	1	3.9					20	140.6				
SOUTHSIDE DISTRICT	5	3.0					46	44.2				
BRUNSWICK							8	25.3				
HALIFAX	2	2.9					21	51.7				
MECKLENBURG	3	5.3					17	53.2				
PIEDMONT DISTRICT	6	4.1					45	48.3				
AMELIA							4	46.6				
BUCKINGHAM	2	9.9					4	27.1				
CHARLOTTE	2	9.3					8	50.5				
CUMBERLAND							3	37.9				
LUNENBURG	1	5.1					7	72.0				
NOTTOWAY							7	52.8				
PRINCE EDWARD	1	3.3					12	51.9				
CHESTERFIELD DISTRICT	8	4.2					51	34.4	1	57.5	1	6.2
CHESTERFIELD	7	3.9					49	35.1	1	59.5	1	6.8
POW/HATAN	1	7.3					2	23.5				
COLONIAL HEIGHTS												
HANOVER DISTRICT	3	3.7					23	45.6			1	42.7
CHARLES CITY							8	74.9				
GOOCHLAND							4	29.4				
HANOVER	2	5.7					10	49.9			1	52.1
NEW KENT	1	10.0					1	16.5				
HENRICO DISTRICT	15	6.4					102	76.7	1	83.3	4	22.6
RICHMOND CITY DISTRICT	33	8.4					230	85.9	1	98.0	1	15.9
RAPPAHANNOCK DISTRICT	6	4.0					52	58.8			4	43.6
CAROLINE	2	5.6					10	43.4				
KING GEORGE							5	55.6				
SPOTSYLVANIA							15	54.6			1	30.9
STAFFORD	1	3.0					16	96.6			3	80.6
FREDERICKSBURG	3	17.3					6	48.8				
THREE RIVERS DISTRICT	6	4.0					39	51.5				
LANCASTER	1	6.2					4	48.0				
NORTHUMBERLAND							9	115.4				
RICHMOND							3	66.7				
WESTMORELAND							8	54.0				
ESSEX	1	6.2					3	39.4				
GLOUCESTER							1	10.5				
KING AND QUEEN							2	32.7				
KING WILLIAM	2	11.0					5	54.8				
MATHEWS							4	68.7				
MIDDLESEX	2	20.2										
CRATER DISTRICT	25	9.2					111	69.1			1	19.6
DINWIDDIE	2	5.1					6	27.0				
GREENSVILLE	2	10.4					6	44.8				
PRINCE GEORGE	1	2.8					7	30.7				
SURRY	2	10.7					1	10.0				
SUSSEX	4	17.4					6	40.2				
EMPORIA							6	84.0				
HOPEWELL	2	6.8					23	156.5			1	111.1
PETERSBURG	12	12.5					56	100.8				
CHESAPEAKE DISTRICT	11	3.9					86	57.1			1	10.2
NORFOLK DISTRICT	36	9.6					205	77.8				
PORTSMOUTH DISTRICT	15	6.3					125	103.0				
VIRGINIA BEACH DISTRICT	9	3.0					126	80.1			16	23.1
WESTERN TIDEWATER	9	3.7					63	47.8			1	61.7
ISLE OF WIGHT							11	45.6				
SOUTHAMPTON	1	3.3					6	35.3				
FRANKLIN CITY	2	11.2					7	73.8				
SUFFOLK	6	4.0					39	48.0			1	72.5
HAMPTON DISTRICT	6	2.7			2	17.5	107	55.0				
PENINSULA DISTRICT	19	5.1					144	68.0	1	37.9	3	12.5
JAMES CITY CO	1	2.6					10	49.3				
YORK	2	4.2					4	17.0			1	23.5
NEWPORT NEWS	16	5.8					126	79.9	1	64.1	1	7.7
POQUOSON												
WILLIAMSBURG							4	39.7			1	23.1
EASTERN SHORE	5	5.8					42	97.4				
ACCOMACK	5	8.7					34	113.8				
NORTHAMPTON							8	60.3				
UNKNOWN VIRGINIA	1											

*In some areas, meaningful rates cannot be calculated due to estimates based on 1990 Population.

Table 10
Teenage Pregnancies by Race by Health District With Rates per 1,000 Female Population 10-19, Virginia, 1999

Ages 18-19				Ages 10-14		Ages 15-17		Ages 18-19		
Black	Rate	AEA	Rate	API	Rate	White	Rate	White	Rate	
126	162.1					6	1.1	86	21.7	192.6 CENTRAL VIRGINIA (con't)
6	365.9					1	8.8	2	26.0	6 117.2 BEDFORD CITY
67	205.3					2	1.8	21	15.5	38 42.1 LYNCHBURG
123	193.3			1	178.6	1	0.5	50	43.7	87 114.1 PITTSYLVANIA/DANVILLE
37	122.8			1	625.0	1	0.8	36	54.5	48 109.0 PITTSYLVANIA
86	256.6							14	29.0	39 121.1 DANVILLE
57	116.4			1	131.6	3	1.0	75	38.4	141 108.3 WEST PIEDMONT
12	99.3					2	1.6	24	29.5	41 75.6 FRANKLIN
20	83.6							33	45.6	63 130.6 HENRY
2	57.5			1	2,500.0	1	1.9	10	33.5	18 90.5 PATRICK
23	242.6							8	68.0	19 242.3 MARTINSVILLE
100	144.0					2	1.5	24	33.3	67 139.5 SOUTHSIDE DISTRICT
26	123.6					1	5.5			5 70.6 BRUNSWICK
43	158.8					1	1.6	13	36.7	44 186.4 HALIFAX
31	145.4							11	42.2	18 103.7 MECKLENBURG
86	138.4					2	1.4	28	21.2	74 84.2 PIEDMONT DISTRICT
9	157.3					1	4.3	2	14.1	6 63.3 AMELIA
11	111.8							2	15.9	6 71.8 BUCKINGHAM
14	132.6							3	23.8	14 166.7 CHARLOTTE
4	75.8					1	7.3	3	32.7	3 49.0 CUMBERLAND
10	154.3							4	36.0	9 121.6 LUNENBURG
19	214.9							7	51.6	21 232.3 NOTTOWAY
19	123.4							7	11.9	15 38.3 PRINCE EDWARD
114	115.3			9	83.3	9	1.0	106	22.3	231 72.8 CHESTERFIELD DISTRICT
99	106.5			7	71.7	8	1.0	92	22.2	199 72.0 CHESTERFIELD
6	105.6							5	16.2	12 58.4 POWHATAN
9	5,625.0			2	250.0	1	2.1	9	29.9	20 99.6 COLONIAL HEIGHTS
37	110.1			1	64.1	4	1.3	30	16.3	91 74.2 HANOVER DISTRICT
9	126.4							1	42.7	4 256.4 CHARLES CITY
8	88.1							3	19.1	5 47.7 GOOCHLAND
16	119.8			1	78.1	3	1.3	21	14.2	66 67.0 HANOVER
4	99.0					1	3.4	5	27.5	16 132.0 NEW KENT
183	206.5			9	76.3	6	1.2	71	24.9	160 84.3 HENRICO DISTRICT
438	245.4			12	285.7	1	1.2	26	20.9	103 124.2 RICHMOND CITY DISTRICT
91	154.4			3	49.0	6	0.8	108	25.9	275 99.0 RAPPAHANNOCK DISTRICT
23	149.7					1	2.4	6	26.0	17 110.4 CAROLINE
10	166.7					1	1.9	6	25.8	14 90.4 KING GEORGE
18	98.3			1	46.3	3	0.9	48	32.0	82 82.1 SPOTSYLVANIA
21	190.2			1	40.3			35	20.6	112 98.7 STAFFORD
19	231.7			1	166.7	1	3.9	13	25.9	50 149.7 FREDERICKSBURG
72	142.7	1	138.9			1	0.3	43	29.5	104 107.1 THREE RIVERS DISTRICT
8	143.9							3	33.8	8 135.1 LANCASTER
6	115.4							4	48.3	3 54.3 NORTHUMBERLAND
3	100.0					1	6.5			5 114.7 RICHMOND
21	212.6							8	65.4	13 159.3 WESTMORELAND
10	196.9							4	46.3	6 104.2 ESSEX
5	79.1	1	625.0					16	27.1	42 106.7 GLOUCESTER
6	147.1							1	19.8	KING AND QUEEN
5	82.2							4	26.5	13 129.0 KING WILLIAM
8	206.2							1	7.4	8 88.5 MATHEWS
								2	24.0	6 107.9 MIDDLESEX
212	197.9			2	58.8	6	3.0	49	41.5	101 128.4 CRATER DISTRICT
16	108.1					1	2.2	11	43.1	17 100.0 DINWIDDIE
13	145.7							4	63.5	3 71.4 GREENSVILLE
21	138.2			2	100.0	4	6.2	9	24.4	22 89.6 PRINCE GEORGE
4	60.2							3	83.3	3 125.0 SURRY
17	170.7							3	55.6	8 222.2 SUSSEX
11	231.1									1 34.7 EMPORIA
23	234.7							13	48.0	33 182.9 HOPEWELL
107	288.9					1	10.3	6	67.1	14 234.9 PETERSBURG
170	169.4	1	147.1	1	15.2	7	1.4	105	42.2	161 97.0 CHESAPEAKE DISTRICT
483	274.9			7	62.7	4	1.6	57	29.7	222 173.4 NORFOLK DISTRICT
192	237.4			2	135.1	2	1.7	25	33.8	82 166.3 PORTSMOUTH DISTRICT
259	246.9	4	169.5	30	65.0	9	0.8	169	27.8	397 98.0 VIRGINIA BEACH DISTRICT
124	141.1							31	29.8	54 77.8 WESTERN TIDEWATER
28	174.1							12	40.2	17 85.3 ISLE OF WIGHT
18	159.0							1	7.6	2 22.9 SOUTHAMPTON
8	126.6							1	15.4	2 46.3 FRANKLIN CITY
70	129.2							17	31.1	33 90.6 SUFFOLK
182	140.4			4	80.0			56	46.8	106 133.0 HAMPTON DISTRICT
287	203.1	2	113.6	13	81.3	12	1.8	88	20.6	266 93.4 PENINSULA DISTRICT
26	192.3			1	86.2			10	16.8	23 57.9 JAMES CITY CO
19	120.9			1	35.2	1	0.5	18	19.1	47 75.0 YORK
238	226.3	2	192.3	11	127.3	10	3.2	52	28.8	174 144.6 NEWPORT NEWS
4	59.5					1	2.2	5	18.0	10 54.1 POQUOSON
53	184.3							3	4.6	12 27.5 WILLIAMSBURG
35	175.7					1	1.4	10	26.5	38 150.8 EASTERN SHORE
18	203.6							6	21.4	30 160.3 ACCOMACK
1						1	5.3	4	41.2	8 123.5 NORTHAMPTON
										1 UNKNOWN VIRGINIA

*In some areas, meaningful rates cannot be calculated due to estimates based on 1990 Population.

Table 11
Teenage Pregnancies by Ethnicity and Age by Health District With Rates per 1,000 Female Population 10-19, Virginia, 1999

	Ages 10-14				Ages 15-17				Ages 18-19			
	HISP	Rate	NHISP	Rate	HISP	Rate	NHISP	Rate	HISP	Rate	NHISP	Rate
State of Virginia	16	1.6	403	1.9	326	52.8	4,521	33.9	664	161.3	9,696	109.0
LENOWISCO DISTRICT			3	0.9			56	27.8	1		127	94.7
LEE			1	1.0			13	24.1			33	91.7
SCOTT							15	32.3			20	64.5
WISE			2	1.3			22	24.1			66	108.3
NORTON							6	64.1	1	*	8	128.2
CUMBERLAND PLATEAU			2	0.4			60	22.1			146	80.6
BUCHANAN							19	28.5			34	76.4
DICKENSON							11	28.1			21	80.5
RUSSELL			1	0.9			12	18.9			41	96.6
TAZEWELL			1	0.6			18	17.6			50	73.4
MOUNT ROGERS DISTRICT			5	0.9	3	92.6	103	27.3	5	231.5	234	93.1
BLAND							2	15.6			4	46.9
CARROLL			1	1.2			12	22.8	1	416.7	31	88.5
GRAYSON			1	2.1			10	29.7	2	1,000.0	16	71.3
SMYTH							16	21.8			43	88.0
WASHINGTON			2	1.2			23	21.8			52	73.8
WYTHE			1	1.1	1	238.1	12	22.6			44	124.3
BRISTOL					1	555.6	16	45.7			28	120.1
GALAX					1	*	12	110.5	2	*	16	221.0
NEW RIVER DISTRICT			3	0.7			89	17.3	1	16.4	205	59.8
FLOYD							5	21.6			23	149.4
GILES							12	38.2			20	95.6
MONTGOMERY			2	1.2			33	12.2	1	22.3	93	51.6
PULASKI			1	1.0			31	41.8			45	90.9
RADFORD							8	7.0			24	31.3
ALLEGHANY DISTRICT							93	27.2	1	54.3	168	73.8
ALLEGHANY							8	33.0			10	61.9
BOTETOURT							11	19.2			30	78.6
CRAIG							4	44.4			3	50.0
ROANOKE							47	26.9			70	60.1
CLIFTON FORGE							4	60.6			9	204.5
COVINGTON							6	47.6			17	202.4
SALEM							13	22.9	1	357.1	29	76.6
ROANOKE CITY DISTRICT			16	6.2	4	148.1	113	67.8	2	111.1	164	147.7
CENTRAL SHENANDOAH			5	0.7	7	72.9	148	24.8	15	234.4	310	77.9
AUGUSTA							28	24.3			76	98.9
BATH							1	11.5			3	51.7
HIGHLAND							1	27.8				
ROCKBRIDGE							13	38.8			13	58.1
ROCKINGHAM			2	0.9	2	104.2	52	42.7	8	625.0	97	119.5
BUENA VISTA			1	4.9			1	4.3			10	63.8
HARRISONBURG			1	1.5	4	93.9	13	7.4	7	246.5	40	34.4
LEXINGTON					1	*	1	4.7			5	34.9
STAUNTON			1	1.5			17	27.4			26	62.8
WAYNESBORO							21	65.2			40	186.2
LORD FAIRFAX DISTRICT			6	1.0	5	138.9	109	33.1	12	500.0	207	94.2
CLARKE							9	42.1			11	77.2
FREDERICK			1	0.5			27	25.4	1	357.1	63	88.8
PAGE			1	1.3			24	56.3	1	250.0	27	95.1
SHENANDOAH			1	0.9	2	416.7	11	19.1	4	1,250.0	39	101.5
WARREN			1	1.1			26	47.8	2	227.3	40	110.3
WINCHESTER			2	3.3	3	555.6	12	25.5	4	1,111.1	27	86.0
ALEXANDRIA DISTRICT	3	7.0	4	2.2	32	104.4	48	43.8	45	220.2	128	175.2
ARLINGTON DISTRICT	2	2.0	2	0.9	43	61.4	29	19.9	61	130.7	92	94.6
FAIRFAX DISTRICT	3	0.8	9	0.3	101	46.5	203	12.8	208	143.6	554	52.4
FAIRFAX	3	0.9	9	0.3	96	45.6	196	12.7	201	143.2	523	50.8
FAIRFAX CITY					5	143.7	4	12.8	3	129.3	19	91.0
FALLS CHURCH							3	29.1	4	185.2	12	174.4
LOUDOUN			1	0.2	12	94.3	51	18.6	13	153.3	111	60.8
PRINCE WILLIAM DISTRICT	3	3.1	18	1.6	38	73.5	241	40.7	87	252.3	469	118.7
PRINCE WILLIAM	1	1.2	11	1.1	20	44.4	190	36.2	61	203.3	379	108.4
MANASSAS	1	10.2	6	5.7	17	311.4	46	86.0	21	576.9	82	230.1
MANASSAS PARK	1	35.7	1	3.5	1	79.4	5	33.7	5	595.2	8	81.0
RAPPAHANNOCK/RAPIDAN			7	1.5	2	54.6	91	38.4	8	327.9	186	117.9
CULPEPER			3	2.5			25	41.7	5	1,562.5	41	102.5
FAUQUIER			1	0.5			35	35.3	2	125.0	83	125.6
MADISON					1	416.7	3	14.0	1	625.0	14	97.8
ORANGE			2	2.4	1	185.2	23	51.7			41	138.3
RAPPAHANNOCK			1	4.3			5	43.0			7	90.2
THOMAS JEFFERSON			10	1.8	4	63.5	95	22.6	6	142.9	255	90.9
ALBEMARLE			4	1.8	2	61.7	37	17.2	3	138.9	98	68.5
FLUVANNA			1	1.5	1	555.6	6	16.8			23	96.3
GREENE							11	45.3			16	98.8
LOUISA			1	1.1			16	33.3			40	124.7
NELSON			2	4.4			3	12.1	1	625.0	22	133.2
CHARLOTTESVILLE			2	2.3	1	59.5	22	30.0	2	178.6	56	114.4
CENTRAL VIRGINIA			10	1.4	1	9.5	147	28.9	1	14.2	320	94.5
AMHERST			2	2.1			22	29.8			43	87.5
APPOMATTOX							10	33.3			20	99.8
BEDFORD			1	0.5			24	22.7			43	61.0
CAMPBELL			2	1.2			30	28.6			95	136.0

*In some areas, meaningful rates cannot be calculated due to estimates based on 1990 Population.

Table 11
Teenage Pregnancies by Ethnicity and Age by Health District With Rates per 1,000 Female Population 10-19, Virginia, 1999

	Ages 10-14				Ages 15-17				Ages 18-19				
	HISP	Rate	NHISP	Rate	HISP	Rate	NHISP	Rate	HISP	Rate	NHISP	Rate	
CENTRAL VIRGINIA (con't)		10	1.4		1	9.5	147	28.9	1	14.2	320	94.5	
BEDFORD CITY		1	5.5				6	61.7			12	185.2	
LYNCHBURG		4	2.1		1	27.3	55	29.9	1	41.0	107	87.3	
PITTSYLVANIA/DANVILLE		7	2.0		1	64.1	107	51.1	3	288.5	208	149.0	
PITTSYLVANIA		3	1.5		1	185.2	59	53.2	2	555.6	84	113.5	
DANVILLE		4	2.6				48	48.8	1	147.1	124	189.0	
WEST PIEDMONT	1	22.7	6	1.4	2	90.1	109	40.7	11	743.2	193	108.0	
FRANKLIN	1	76.9	2	1.4			32	32.2	1	178.6	52	78.4	
HENRY		1	0.6		1	166.7	39	36.1	8	2,000.0	79	109.5	
PATRICK		2	3.4		1	128.2	10	29.1	1	192.3	20	87.4	
MARTINSVILLE		1	2.1				28	107.5	1	*	42	241.9	
SOUTHSIDE DISTRICT		7	2.3				70	39.8	4	588.2	164	139.8	
BRUNSWICK		1	1.6				8	19.0			31	110.4	
HALIFAX		3	2.3				34	44.7	4	1,111.1	84	165.7	
MECKLENBURG		3	2.8				28	48.4			49	127.1	
PIEDMONT DISTRICT		8	2.8	1	34.7		73	32.7	4	208.3	158	106.2	
AMELIA		1	2.7				6	26.5			15	99.5	
BUCKINGHAM		2	4.9				6	22.0			17	93.6	
CHARLOTTE		2	4.9				11	38.8			28	148.0	
CUMBERLAND		1	3.6				6	35.7	2	833.3	7	62.5	
LUNENBURG		1	2.7		1	333.3	11	54.1	2	625.0	17	125.4	
NOTTOWAY		1	1.8				14	52.7			40	225.7	
PRINCE EDWARD		1	1.8				19	23.4			34	62.8	
CHESTERFIELD DISTRICT	2	7.9	15	1.3	4	33.0	156	24.8	17	210.4	343	81.7	
CHESTERFIELD	2	8.2	13	1.3	4	35.1	140	25.0	17	223.7	294	78.9	
POWHATAN		1	1.4				7	17.8			18	68.5	
COLONIAL HEIGHTS		1	1.9				9	28.8			31	149.0	
HANOVER DISTRICT		7	1.8	1	37.0		53	22.5	2	111.1	127	80.9	
CHARLES CITY							9	64.4			13	139.5	
GOOCHLAND							7	23.8			13	66.2	
HANOVER		5	1.8	1	47.6		31	18.5	2	142.9	81	72.4	
NEW KENT		2	5.0				6	24.8			20	123.8	
HENRICO DISTRICT		21	2.8	10	135.5		168	39.2	14	284.6	340	118.9	
RICHMOND CITY DISTRICT		34	7.1	7	113.3		254	64.6	9	218.4	545	207.8	
RAPPAHANNOCK DISTRICT		12	1.3	5	35.6		160	31.8	15	160.3	358	106.9	
CAROLINE		3	3.9				16	34.6	1	208.3	39	126.6	
KING GEORGE		1	1.4				11	33.5	1	250.0	23	105.1	
SPOTSYLVANIA		3	0.8	3	72.5		62	35.0	6	217.4	97	82.1	
STAFFORD		1	0.3	2	31.4		52	28.1	4	94.3	131	106.2	
FREDERICKSBURG		4	9.6				19	31.0	3	202.7	68	166.5	
THREE RIVERS DISTRICT		7	1.6	1	26.5		83	37.8	4	158.7	175	119.6	
LANCASTER		1	3.1				7	41.1			16	140.8	
NORTHUMBERLAND							13	82.7			9	85.9	
RICHMOND		1	4.1				3	27.6			8	110.5	
WESTMORELAND					1	416.7		17	63.0	2	1,250.0	34	188.9
ESSEX		1	3.0				7	43.4			16	148.7	
GOLOUCESTER							17	25.2	1	78.1	47	104.6	
KING AND QUEEN							3	26.6			6	79.8	
KING WILLIAM		2	3.9				9	36.7	1	625.0	17	103.9	
MATTHEWS							1	6.5			8	77.5	
MIDDLESEX		2	7.2				6	42.7			14	149.6	
CRATER DISTRICT		31	6.7	1	13.1		161	58.1	3	59.1	314	169.9	
DINWIDDIE		3	3.6				17	35.4			33	103.1	
GREENSVILLE		2	6.8				10	50.7			16	121.6	
PRINCE GEORGE		5	5.1				17	28.9	3	110.3	43	109.8	
SURRY		2	7.6	1	*		3	22.1			7	77.4	
SUSSEX		4	12.6				9	44.2			25	184.4	
EMPORIA							6	52.6			12	157.9	
HOPEWELL		2	2.7				37	88.7			56	201.4	
PETERSBURG		13	12.4				62	97.2			122	286.9	
CHESAPEAKE DISTRICT		18	2.3	2	21.6		190	47.4	3	48.7	333	124.6	
NORFOLK DISTRICT		41	6.5	8	44.9		262	57.3	27	227.3	701	229.9	
PORTSMOUTH DISTRICT		17	4.9	2	44.4		149	76.9	4	133.3	272	210.6	
VIRGINIA BEACH DISTRICT		18	1.2	12	25.2		311	39.4	37	116.4	676	128.3	
WESTERN TIDEWATER		9	2.0	1	30.9		96	40.9	2	92.6	177	113.2	
ISLE OF WIGHT							24	45.4			45	127.7	
SOUTHAMPTON		1	1.7				7	23.2			20	99.6	
FRANKLIN CITY		2	6.8				8	50.3			10	94.3	
SUFFOLK		6	2.4	1	55.6		57	42.0	2	166.7	102	112.8	
HAMPTON DISTRICT		8	1.9	5	57.5		161	51.3	7	120.7	287	137.1	
PENINSULA DISTRICT	2	4.6	29	2.8	9	36.9	232	36.2	26	159.7	557	130.2	
JAMES CITY CO			1	0.6	2	95.2	19	23.8	2	142.9	52	97.8	
YORK		3	1.2				23	19.4	1	37.3	66	83.5	
NEWPORT NEWS	2	5.9	24	4.2	7	44.5	177	52.5	22	209.9	414	184.2	
POQUOSON			1	2.1			5	17.6			10	52.7	
WILLIAMSBURG							8	10.3	1	67.6	15	29.0	
EASTERN SHORE		6	3.9	2	119.0		50	62.8	6	535.7	90	169.6	
ACCOMACK			5	4.7	1	83.3	39	68.3	5	625.0	64	168.2	
NORTHAMPTON			1	2.2	1	208.3	11	48.8	1	312.5	26	172.9	
UNKNOWN VIRGINIA			1								2		

*In some areas, meaningful rates cannot be calculated due to estimates based on 1990 Population.

Table 12
Resident Infant Deaths by Race and Ethnicity by Health District, Virginia, 1999

	Infant Deaths			Rate per 1,000 Live Births			Infant Deaths Hispanic (any race)	Rate	Infant Deaths	Rate
	Black	AEA	API	Black	AEA	API				
State of Virginia	284	2	15	12.9	13.5	3.3	37	5.7	379	5.6
LENOWISCO DISTRICT										8
LEE COUNTY										4
SCOTT COUNTY										1
WISE COUNTY										3
NORTON CITY										6.3
CUMBERLAND PLATEAU										19
BUCHANAN COUNTY										3.7
DICKENSON COUNTY										18.5
RUSSELL COUNTY										12.3
TAZEWELL COUNTY										23.3
MOUNT ROGERS DISTRICT	1			21.7					12	5.9
BLAND COUNTY										3.5
CARROLL COUNTY										5.6
GRAYSON COUNTY										14.0
SMYTH COUNTY										2.0
WASHINGTON COUNTY				100.0						6.1
WYTHE COUNTY										9.8
BRISTOL CITY										
GALAX CITY										
NEW RIVER DISTRICT	1			1,000.0					12	7.6
FLOYD COUNTY										6.7
GILES COUNTY										20.5
MONTGOMERY COUNTY		1			1,000.0					5.4
PULASKI COUNTY										5.6
RADFORD CITY										7.8
ALLEGHANY DISTRICT	1			11.2					10	6.3
ALLEGHANY COUNTY										9.4
BOTETOURT COUNTY										1
CRAIG COUNTY										5
ROANOKE COUNTY										6.3
CLIFTON FORGE CITY										
COVINGTON CITY										
SALEM CITY	1			40.0						4.9
ROANOKE CITY DISTRICT	2			5.1					10	10.3
CENTRAL SHENANDOAH	4			26.8					10	3.7
AUGUSTA COUNTY										6.4
BATH COUNTY										
HIGHLAND COUNTY										
ROCKBRIDGE COUNTY										
ROCKINGHAM COUNTY										
BUENA VISTA CITY										
HARRISONBURG CITY										
LEXINGTON CITY										
STAUNTON CITY										
WAYNESBORO CITY	1			31.3						3.7
LORD FAIRFAX DISTRICT	2			23.0					11	5.2
CLARKE COUNTY										17.7
FREDERICK COUNTY										2.9
PAGE COUNTY										16.0
SHENANDOAH COUNTY										
WARREN COUNTY										
WINCHESTER CITY	2			55.6						11.2
ALEXANDRIA DISTRICT	4	1	6.3	6.8			6	12.6	9	8.1
ARLINGTON DISTRICT	2	2	6.2	7.7			5	6.6	11	5.6
FAIRFAX DISTRICT	7	7	4.8	3.1			11	4.6	53	5.0
FAIRFAX COUNTY	7	7	4.9	3.2			8	3.5	50	4.9
FAIRFAX CITY							2	34.5	2	9.1
FALLS CHURCH CITY							1	58.8	1	10.8
LOUDOUN DISTRICT	1			4.6					11	4.2
PRINCE WILLIAM DISTRICT	7		7.0				4	5.1	16	3.8
PRINCE WILLIAM COUNTY	7			7.7			3	5.1	14	4.0
MANASSAS CITY							1	5.8	2	3.4
MANASSAS PARK CITY										
RAPPAHANNOCK/RAPIDAN							1	22.2	4	2.9
CULPEPER COUNTY										6.0
FAUQUIER COUNTY										1.7
MADISON COUNTY										10.5
ORANGE COUNTY										
RAPPABHANNOCK COUNTY										
THOMAS JEFFERSON	2			4.9					12	6.2
ALBEMARLE COUNTY										7.1
FLUVANNA COUNTY										5.6
GREENE COUNTY										
LOUISA COUNTY										
NELSON COUNTY										
CHARLOTTESVILLE CITY	2			12.4						9.9
CENTRAL VIRGINIA	13			23.3					6	3.0
AMHERST COUNTY	1			17.5						
APPOMATTOX COUNTY	2									
BEDFORD COUNTY	1			41.7						
CAMPBELL COUNTY										5.6

*Rate cannot be calculated.

Table 12
Resident Infant Deaths by Race and Ethnicity by Health District, Virginia, 1999

	Infant Deaths			Rate per 1,000 Live Births			Infant Deaths Hispanic (any race)	Rate	Infant Deaths White	Rate
	Black	AEA	API	Black	AEA	API				
CENTRAL VIRGINIA (con't)	13			23.3					6	3.0
BEDFORD CITY										
LYNCHBURG CITY	9			29.4					2	4.3
PITTSYLVANIA/DANVILLE	9			15.9			1	34.5	4	5.3
PITTSYLVANIA COUNTY	3			15.0					1	1.8
DANVILLE CITY	6			16.4			1	83.3	3	14.1
WEST PIEDMONT	2			6.5			1	12.0	7	6.0
FRANKLIN COUNTY	1			19.2					2	4.4
HENRY COUNTY	1			7.5			1	18.5	1	2.3
PATRICK COUNTY									3	17.8
MARTINSVILLE CITY									1	9.9
SOUTHSIDE DISTRICT	6			12.8					1	2.0
BRUNSWICK COUNTY	2			19.2						
HALIFAX COUNTY	2			10.6						
MECKLENBURG COUNTY	2			11.5					1	5.5
PIEDMONT DISTRICT	9			21.6					7	12.5
AMELIA COUNTY									1	11.1
BUCKINGHAM COUNTY	1			17.2					2	38.5
CHARLOTTE COUNTY										
CUMBERLAND COUNTY									1	19.6
LUNENBURG COUNTY	1			23.8						
NOTTOWAY COUNTY	3			39.5					2	17.4
PRINCE EDWARD COUNTY	4			37.0					1	10.0
CHESTERFIELD DISTRICT	6	1		9.1	12.0				15	5.2
CHESTERFIELD COUNTY	6	1		9.9	13.2				15	6.0
POWHATAN COUNTY										
COLONIAL HEIGHTS CITY										
HANOVER DISTRICT	2			11.3			1	100.0	5	3.9
CHARLES CITY COUNTY										
GOOCHLAND COUNTY	1			30.3						
HANOVER COUNTY	1			11.9					3	3.0
NEW KENT COUNTY							1	*	2	17.4
HENRICO DISTRICT	22	1		21.3	5.1		1	10.5	12	5.1
RICHMOND CITY DISTRICT	32			16.5					6	6.3
RAPPAHANNOCK DISTRICT	6			11.3					11	4.1
CAROLINE COUNTY	3			31.6					1	5.5
KING GEORGE COUNTY	1			20.0					2	11.2
SPOTSYLVANIA COUNTY									4	4.1
STAFFORD COUNTY									2	1.9
FREDERICKSBURG CITY	2			21.5					2	7.6
THREE RIVERS DISTRICT	3			7.6			1	31.3	5	5.3
LANCASTER COUNTY										
NORTHUMBERLAND COUNTY									1	16.9
RICHMOND COUNTY										
WESTMORELAND COUNTY	1			12.2			1	55.6	1	9.3
ESSEX COUNTY	1			22.7						
GOLOUCESTER COUNTY	1			25.6						
KING AND QUEEN COUNTY									1	25.6
KING WILLIAM COUNTY									2	13.8
MATHEWS COUNTY										
MIDDLESEX COUNTY										
CRATER DISTRICT	14			14.2					7	8.5
DINWIDDIE COUNTY	1			17.5					1	5.6
GREENSVILLE COUNTY	1			14.9					1	4.3
PRINCE GEORGE COUNTY	2			17.1						
SURRY COUNTY										
SUSSEX COUNTY										
EMPORIA CITY										
HOPEWELL CITY	4			30.8					2	10.4
PETERSBURG CITY	6			13.6					3	31.6
CHESAPEAKE DISTRICT	14			15.3					11	6.1
NORFOLK DISTRICT	35			17.7					9	5.5
PORTSMOUTH DISTRICT	7			7.7			1	43.5	4	6.1
VIRGINIA BEACH DISTRICT	27	2		18.8	6.0		3	10.6	28	6.5
WESTERN TIDEWATER	8			10.9					10	12.4
ISLE OF WIGHT COUNTY									4	18.0
SOUTHAMPTON COUNTY	1			12.2						
FRANKLIN CITY										
SUFFOLK CITY	7			14.8					6	13.3
HAMPTON DISTRICT	5			5.1			1	14.7	8	8.5
PENINSULA DISTRICT	32	1		19.3	90.9				13	5.0
JAMES CITY COUNTY	1			9.3					2	5.6
YORK COUNTY	3			27.8					1	1.9
NEWPORT NEWS CITY	28	1		19.7	111.1				9	5.7
POQUOSON CITY									1	11.6
WILLIAMSBURG CITY										
EASTERN SHORE									2	6.5
ACCOMACK COUNTY									1	4.7
NORTHAMPTON COUNTY									1	10.4

*Rate cannot be calculated.

Table 13
Resident Deaths for Black Race by Health Dist: 13 Leading Causes with Rates per 100,000 Population, Virginia, 1999

	All Deaths		HEART DISEASE		MALIGNANT NEOPLASMS		CEREBROVASCULAR		UNINTENTIONAL INJ		DIABETES MELLITUS		NEPHRITIS & NEPHROSIS		
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	
State of Virginia	11,726	846.9	3,070	221.7	2,749	198.5	940	67.9	513	37.0	426	30.8	348	25.1	
LENOWISCO DISTRICT	16	864.4	7	378.2	2	108.0	1	54.0	1	54.0	2	108.0	1	54.0	
LEE	1	561.8	1	561.8											
SCOTT	2	1,136.4	1	568.2									1	568.2	
WISE	12	1,002.5	5	417.7	2	167.1	1	83.5	1	83.5	1	83.5	1	83.5	
NORTON	1	333.3													
CUMBERLAND PLATEAU	21	749.2	4	142.7	9	321.1	2	71.4					2	71.4	
BUCHANAN	2	263.2												2	263.2
DICKENSON	1	917.4													
RUSSELL	4	1,028.3			3	771.2	1	917.4							
TAZEWELL	14	906.1	4	258.9	6	388.3	1	64.7							
MOUNT ROGERS DISTRICT	44	826.3	16	300.5	4	75.1	5	93.9	1	18.8	2	37.6	2	37.6	
BLAND	1	353.4													
CARROLL	1	588.2													
GRAYSON	5	848.9	4	679.1											
SMYTH	5	682.1	3	409.3											
WASHINGTON	9	1,009.0	1	112.1	2	224.2	3	336.3						1	136.4
WYTHE	13	1,179.7	5	453.7	1	90.7	1	90.7			1	90.7	1	90.7	
BRISTOL	8	711.7	3	266.9	1	89.0	1	89.0			1	89.0			
GALAX	2	463.0							1	231.5					
NEW RIVER DISTRICT	64	813.6	22	279.7	12	152.6	5	63.6	4	50.9	4	50.9	3	38.1	
FLOYD	4	1,036.3			1	259.1	1	259.1							
GILES	4	1,108.0	1	277.0			2	554.0							
MONTGOMERY	28	792.5	10	283.0	7	198.1	1	28.3	2	56.6	2	56.6	2	56.6	
PULASKI	20	828.2	7	289.9	3	124.2	1	41.4	1	41.4	1	41.4	1	41.4	
RADFORD	8	683.2	4	341.6	1	85.4			1	85.4					
ALLEGHANY DISTRICT	80	1,070.5	19	254.2	15	200.7	8	107.1	2	26.8	9	120.4	5	66.9	
ALLEGHANY	2	641.0												1	320.5
BOTETOURT	8	510.2	5	318.9			1	63.8							
CRAIG															
ROANOKE	10	404.5	2	80.9	3	121.4					1	40.5	2	80.9	
CLIFTON FORGE	14	1,912.6	4	546.4	4	546.4	1	136.6			2	273.2	1	136.6	
COVINGTON	19	1,688.9	2	177.8	5	444.4	1	88.9	1	88.9	2	177.8	1	88.9	
SALEM	27	2,149.7	6	477.7	3	238.9	5	398.1			3	238.9	2	159.2	
ROANOKE CITY DISTRICT	276	1,061.4	69	265.3	69	265.3	28	107.7	3	11.5	15	57.7	7	26.9	
CENTRAL SHENANDOAH	109	750.5	27	185.9	22	151.5	10	68.9	3	20.7	2	13.8	4	27.5	
AUGUSTA	8	309.4			6	232.0									
BATH	5	1,655.6	2	662.3	1	331.1								1	331.1
HIGHLAND		150,000.0		150,000.0											
ROCKBRIDGE	7	960.2	1	137.2	1	137.2	1	137.2							
ROCKINGHAM	11	959.9	3	261.8	1	87.3					1	87.3			
BUENA VISTA	5	1,506.0	3	903.6	1	301.2									
HARRISONBURG	17	617.7	4	145.3	1	36.3	3	109.0	1	36.3				1	36.3
LEXINGTON	9	895.5	2	199.0	1	99.5									
STAUNTON	35	980.1	7	196.0	8	224.0	6	168.0	2	56.0	1	28.0	2	56.0	
WAYNESBORO	11	524.3	4	190.7	2	95.3									
LORD FAIRFAX DISTRICT	74	908.6	24	294.7	16	196.5	4	49.1	5	61.4	3	36.8	2	24.6	
CLARKE	14	1,076.1	2	153.7	6	461.2	2	153.7	1	76.9	1	76.9	1	76.9	
FREDERICK	10	751.3	3	225.4	2	150.3			1	75.1					
PAGE	4	683.8	2	341.9					1	170.9					
SHENANDOAH	6	1,247.4	2	415.8	2	415.8	1	207.9			1	54.8	1	54.8	
WARREN	14	767.1	3	164.4	4	219.2			1	38.2	1	38.2	1	38.2	
WINCHESTER	26	992.0	12	457.8	2	76.3	1	38.2							
ALEXANDRIA DISTRICT	217	786.1	61	221.0	54	195.6	14	50.7	4	14.5	7	25.4	6	21.7	
ARLINGTON DISTRICT	166	844.8	48	244.3	31	157.8	6	30.5	5	25.4	8	40.7	7	35.6	
FAIRFAX DISTRICT	303	384.2	64	81.2	92	116.7	15	19.0	17	21.6	17	21.6	6	7.6	
FAIRFAX	299	386.3	63	81.4	91	117.6	15	19.4	17	22.0	16	20.7	6	7.8	
FAIRFAX CITY	3	270.0	1	90.0	1	90.0					1	90.0			
FALLS CHURCH	1	280.9													
LOUDOUN	60	454.4	17	128.8	16	121.2	3	22.7	2	15.1	2	15.1			
PRINCE WILLIAM DISTRICT	167	410.8	47	115.6	32	78.7	11	27.1	9	22.1	7	17.2	6	14.8	
PRINCE WILLIAM	146	406.6	42	117.0	27	75.2	11	30.6	7	19.5	7	19.5	4	11.1	
MANASSAS	21	515.7	5	122.8	5	122.8			2	49.1			2	49.1	
MANASSAS PARK															
RAPPAHANNOCK/RAPIDAN	167	764.5	50	228.9	44	201.4	13	59.5	10	45.8	5	22.9	3	13.7	
CULPEPER	57	792.8	20	278.2	13	180.8	7	97.4	1	13.9	2	27.8	1	13.9	
FAUQUIER	63	879.5	19	265.3	16	223.4	2	27.9	5	69.8	1	14.0	1	14.0	
MADISON	16	756.5	4	189.1	6	283.7	2	94.6							
ORANGE	26	587.8	7	158.3	8	180.9	2	45.2	4	90.4	2	45.2	1	22.6	
RAPPAHANNOCK	5	525.2			1	105.0									
THOMAS JEFFERSON	308	874.6	73	207.3	75	213.0	34	96.5	15	42.6	11	31.2	14	39.8	
ALBEMARLE	64	682.3	15	159.9	23	245.2	10	106.6	1	10.7	1	10.7	2	21.3	
FLUVANNA	31	593.8	6	114.9	10	191.5	4	76.6	1	19.2	2	38.3	1	19.2	
GREENE	7	613.0	1	87.6	1	87.6	1	87.6			1	87.6			
LOUISA	60	810.0	19	256.5	9	121.5	6	81.0	2	27.0	2	27.0	4	54.0	
NELSON	33	1,072.8	10	325.1	7	227.6	2	65.0	2	65.0	1	32.5	2	65.0	
CHARLOTTESVILLE	113	1,257.1	22	244.7	25	278.1	11	122.4	9	100.1	4	44.5	5	55.6	
CENTRAL VIRGINIA	449	1,001.2	115	256.4	123	274.3	37	82.5	14	31.2	17	37.9	6	13.4	
AMHERST	64	911.6	19	270.6	17	242.1	5	71.2	5	71.2	3	42.7			
APPOMATTOX	35	1,001.7	4	114.5	13	372.1	3	85.9	1	28.6	1	28.6	1	28.6	
BEDFORD	43	799.0	10	185.8	14	260.1	3	55.7					1	18.6	
CAMPBELL	68	800.4	21	247.2	16	188.3	5	58.9	3	35.3	2	23.5	2	23.5	

The column "All Deaths" consists of all deaths, not just the 13 listed.
Therefore, the rows do not add across.

Table 13
Resident Deaths for Black Race by Health Dist: 13 Leading Causes with Rates per 100,000 Population, Virginia, 1999

SEPTICEMIA		CLRD		HOMICIDE & LEGAL		INFLUENZA & PNEUMONIA		PERINATAL		HIV DISEASE		HYPERTENSION			
Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate		
322	23.3	305	22.0	252	18.2	231	16.7	184	13.3	178	12.9	146	10.5		
1	54.0														
1	83.5														
1	35.7	1	35.7												
1	64.7	1	64.7												
2	37.6			1	18.8	2	37.6	1	18.8						
1	353.4														
1	112.1					1	136.4								
						1	112.1								
						1	90.7								
						1	231.5								
						3	38.1								
							1	12.7							
							1	277.0							
				2	56.6										
				1	41.4										
1	13.4	4	53.5					3	40.1	1	13.4		1	13.4	
								1	12.7						
								1	277.0						
				1	40.5										
				1	136.6										
				2	177.8										
1	79.6							1	40.5					1	88.9
8	30.8	5	19.2	6	23.1	4	15.4	2	7.7	6	23.1	3	11.5		
4	27.5	3	20.7	1	6.9	4	27.5	2	13.8	2	13.8	1	6.9		
										1	38.7				
								1	331.1						
2	274.3							1	87.3	1	137.2			1	87.3
1	36.3	1	36.3					1	36.3			1	301.2		
1	99.5	2	56.0					1	28.0						
4	49.1	4	49.1						1	47.7					
1	75.1	1	75.1							1	12.3	1	12.3		
1	207.9														
1	54.8														
1	38.2	3	114.5												
5	18.1	4	14.5	3	10.9	3	10.9	2	7.2	7	25.4	3	10.9		
11	56.0	6	30.5	3	15.3	6	30.5	1	5.1	4	20.4	2	10.2		
8	10.1	6	7.6	6	7.6	1	1.3	5	6.3	10	12.7	4	5.1		
8	10.3	5	6.5	6	7.8	1	1.3	5	6.5	10	12.9	4	5.2		
		1	280.9												
4	30.3	2	15.1	1	7.6	1	7.6							4	30.3
4	9.8	2	4.9	4	9.8	3	7.4	6	14.8	5	12.3	5	12.3		
4	11.1	2	5.6	4	11.1	3	8.4	6	16.7	4	11.1	4	11.1		
4	11.1	2	5.6	4	11.1	3	8.4	6	16.7	1	24.6	1	24.6		
6	27.5	3	13.7			2	9.2			3	13.7	1	4.6		
2	27.8									1	13.9				
1	14.0	3	41.9					2	27.9			1	14.0		
1	22.6									1	47.3				
2	210.1														
11	31.2	6	17.0	5	14.2	6	17.0	2	5.7	2	5.7	1	2.8		
1	19.2	2	21.3	1	10.7	1	10.7								
3	40.5	1	13.5			1	87.6					1	13.5		
7	77.9	2	65.0			1	32.5					1	11.1		
7	77.9	1	11.1	4	44.5	3	33.4	2	22.2	1	11.1	1	11.1		
13	29.0	11	24.5	6	13.4	13	29.0	9	20.1	3	6.7	5	11.1		
3	42.7	1	28.6		1	14.2						1	14.2		
2	37.2	3	35.3	2	23.5	1	11.8					1	18.6		
												1	11.8		

The column "All Deaths" consists of all deaths, not just the 13 listed.
Therefore, the rows do not add across.

Table 13
Resident Deaths for Black Race by Health Dist: 13 Leading Causes with Rates per 100,000 Population, Virginia, 1999

	All Deaths		HEART DISEASE		MALIGNANT NEOPLASMS		CEREBROVASCULAR		UNINTENTIONAL INJ		DIABETES MELLITUS		NEPHRITIS & NEPHROSIS	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate
CENTRAL VIRGINIA (con't)	449	1,001.2	115	256.4	123	274.3	37	82.5	14	31.2	17	37.9	6	13.4
BEDFORD CITY	24	1,467.9	6	367.0	9	550.5	3	183.5			3	183.5	1	61.2
LYNCHBURG	215	1,142.5	55	292.3	54	287.0	18	95.7	5	26.6	8	42.5	1	5.3
PITTSYLVANIA/DANVILLE	371	988.7	121	322.5	53	141.2	31	82.6	18	48.0	12	32.0	12	32.0
PITTSYLVANIA	134	772.3	48	276.7	22	126.8	9	51.9	7	40.3	4	23.1	4	23.1
DANVILLE	237	1,174.7	73	361.8	31	153.7	22	109.0	11	54.5	8	39.7	8	39.7
WEST PIEDMONT	265	950.5	70	251.1	65	233.1	24	86.1	14	50.2	6	21.5	7	25.1
FRANKLIN	44	776.0	12	211.6	12	211.6	2	35.3	4	70.5	1	17.6	3	52.9
HENRY	115	783.8	32	218.1	25	170.4	12	81.8	4	27.3	4	27.3	2	13.6
PATRICK	14	877.7	3	188.1	6	376.2			1	62.7				
MARTINSVILLE	92	1,548.3	23	387.1	22	370.2	10	168.3	5	84.1	1	16.8	2	33.7
SOUTHSIDE DISTRICT	453	1,115.1	126	310.2	105	258.5	45	110.8	21	51.7	9	22.2	9	22.2
BRUNSWICK	112	966.1	28	241.5	30	258.8	15	129.4	3	25.9	2	17.3	1	8.6
HALIFAX	184	1,157.3	48	301.9	41	257.9	19	119.5	11	69.2	3	18.9	4	25.2
MECKLENBURG	157	1,195.6	50	380.7	34	258.9	11	83.8	7	53.3	4	30.5	4	30.5
PIEDMONT DISTRICT	467	1,196.6	123	315.2	106	271.6	36	92.2	38	97.4	18	46.1	15	38.4
AMELIA	44	1,137.5	13	336.1	9	232.7	3	77.6	3	77.6	2	51.7	3	77.6
BUCKINGHAM	55	799.7	13	189.0	14	203.5	4	58.2	6	87.2	1	14.5		
CHARLOTTE	71	1,418.3	15	299.6	13	259.7	12	239.7	7	139.8	2	40.0	2	40.0
CUMBERLAND	34	1,008.6	11	326.3	9	267.0	3	89.0	2	59.3	2	59.3	2	59.3
LUNENBURG	66	1,251.9	16	303.5	15	284.5	2	37.9	8	151.7	3	56.9	6	113.8
NOTTOWAY	105	1,507.8	25	359.0	22	315.9	8	114.9	9	129.2	3	43.1		
PRINCE EDWARD	92	1,199.9	30	391.3	24	313.0	4	52.2	3	39.1	5	65.2	2	26.1
CHESTERFIELD DISTRICT	228	520.7	47	107.3	64	146.2	22	50.2	12	27.4	10	22.8	9	20.6
CHESTERFIELD	186	483.8	35	91.0	55	143.1	16	41.6	9	23.4	9	23.4	8	20.8
POWHATAN	34	656.1	10	193.0	9	173.7	3	57.9	3	57.9	1	19.3	1	19.3
COLONIAL HEIGHTS	8	5,063.3	2	1,265.8			3	1898.7						
HANOVER DISTRICT	193	794.5	39	160.5	46	189.4	18	74.1	11	45.3	8	32.9	4	16.5
CHARLES CITY	51	1,054.8	11	227.5	14	289.6	4	82.7	2	41.4	3	62.0		
GOCHLAND	51	856.3	9	151.1	15	251.8	4	67.2	2	33.6	3	50.4	1	16.8
HANOVER	74	723.6	16	156.5	15	146.7	6	58.7	1	9.8	1	9.8		
NEW KENT	17	518.9	3	91.6	2	61.1	4	122.1	1	30.5	1	30.5	2	61.1
HENRICO DISTRICT	413	728.0	124	218.6	95	167.4	25	44.1	11	19.4	10	17.6	6	10.6
RICHMOND CITY DISTRICT	1,269	1,139.2	302	271.1	285	255.8	92	82.6	55	49.4	37	33.2	42	37.7
RAPPAHANNOCK DISTRICT	259	702.4	61	165.4	62	168.2	10	27.1	12	32.5	7	19.0	8	21.7
CAROLINE	86	922.6	22	236.0	24	257.5	5	53.6	4	42.9			1	10.7
KING GEORGE	35	852.4	8	194.8	6	146.1	1	24.4	1	24.4	1	24.4		
SPOTSYLVANIA	70	630.5	20	180.1	15	135.1	1	9.0	1	9.0	5	45.0	2	18.0
STAFFORD	24	310.8	4	51.8	7	90.6	2	25.9	1	12.9	1	12.9		
FREDERICKSBURG	44	952.6	7	151.5	10	216.5	1	21.6	5	108.2			4	86.6
THREE RIVERS DISTRICT	406	1,095.7	89	240.2	118	318.4	35	94.5	28	75.6	9	24.3	20	54.0
LANCASTER	46	1,231.9	8	214.2	13	348.2	5	133.9	7	187.5	2	53.6	6	160.7
NORTHUMBERLAND	46	1,218.2	11	291.3	8	211.9	4	105.9	2	53.0	1	26.5	2	53.0
RICHMOND	29	825.5	3	85.4	12	341.6	2	56.9	1	28.5				
WESTMORELAND	65	1,093.4	11	185.0	22	370.1	6	100.9	2	33.6	2	33.6	4	67.3
ESSEX	60	1,585.2	18	475.6	18	475.6	1	26.4	3	79.3	2	52.8	3	79.3
GOULCESTER	69	1,486.4	21	452.4	16	344.7	7	150.8	5	107.7	1	21.5		
KING AND QUEEN	24	801.3	3	100.2	8	267.1	4	133.6	1	33.4			2	66.8
KING WILLIAM	31	696.8	6	134.9	11	247.2	1	22.5	5	112.4	1	22.5		
MATHEWS	14	939.6	5	335.6	2	134.2	3	201.3					2	134.2
MIDDLESEX	22	807.0	3	110.1	8	293.5	2	73.4	2	73.4				
CRATER DISTRICT	730	995.2	202	275.4	168	229.0	67	91.3	39	53.2	17	23.2	25	34.1
DINWIDDIE	72	685.7	22	209.5	16	152.4	10	95.2	3	28.6	3	28.6	3	28.6
GREENSVILLE	43	598.1	17	236.5	11	153.0	3	41.7	3	41.7			2	27.8
PRINCE GEORGE	46	502.7	11	120.2	10	109.3	3	32.8	5	54.6			1	10.9
SURRY	38	980.6	12	309.7	7	180.6	4	103.2	2	51.6	1	25.8		
SUSSEX	84	1,097.8	28	365.9	16	209.1	7	91.5	4	52.3	3	39.2	3	39.2
EMPORIA	52	1,848.6	19	675.4	7	248.8	7	248.8	3	106.6	2	71.1	2	71.1
HOPEWELL	73	1,104.2	21	317.7	15	226.9	6	90.8	3	45.4	1	15.1	2	30.3
PETERSBURG	322	1,259.5	72	281.6	86	336.4	27	105.6	16	62.6	7	27.4	12	46.9
CHESAPEAKE DISTRICT	423	665.6	107	168.4	104	163.7	32	50.4	16	25.2	13	20.5	10	15.7
NORFOLK DISTRICT	927	959.3	238	246.3	218	225.6	65	67.3	25	25.9	35	36.2	32	33.1
PORTSMOUTH DISTRICT	564	1,110.9	157	309.2	118	232.4	51	100.5	18	35.5	29	57.1	22	43.3
VIRGINIA BEACH DISTRICT	386	568.3	85	125.2	84	123.7	42	61.8	19	28.0	18	26.5	5	7.4
WESTERN TIDEWATER	542	976.0	152	273.7	125	225.1	44	79.2	29	52.2	26	46.8	24	43.2
ISLE OF WIGHT	86	812.5	21	198.4	25	236.2	7	66.1	4	37.8	4	37.8	2	18.9
SOUTHAMPTON	91	1,022.6	28	314.6	22	247.2	9	101.1	12	134.8	1	11.2	5	56.2
FRANKLIN CITY	62	1,410.4	15	341.2	16	364.0	6	136.5	3	68.2	5	113.7	1	22.7
SUFFOLK	303	957.3	88	278.0	62	195.9	22	69.5	10	31.6	16	50.5	16	50.5
HAMPTON DISTRICT	424	721.0	116	197.3	101	171.8	28	47.6	15	25.5	16	27.2	4	6.8
PENINSULA DISTRICT	676	763.7	188	212.4	157	177.4	62	70.0	31	35.0	27	30.5	17	19.2
JAMES CITY CO	63	682.4	21	227.5	21	227.5	3	32.5	2	21.7	3	32.5		
YORK	54	520.5	9	86.7	15	144.6	3	28.9	2	19.3	2	19.3	2	19.3
NEWPORT NEWS	529	795.7	151	227.1	112	168.5	51	76.7	27	40.6	21	31.6	14	21.1
POQUOSON														
WILLIAMSBURG	30	1,294.8	7	302.1	9	388.4	5	215.8			1	43.2	1	43.2
EASTERN SHORE	209	1,128.2	60	323.9	59	318.5	15	81.0	6	32.4	8	43.2	3	16.2
ACCOMACK	132	1,079.8	42	343.6	30	245.4	11	90.0	5	40.9	5	40.9	1	8.2
NORTHAMPTON	77	1,222.0	18	285.7	29	460.2	4	63.5	1	15.9	3	47.6	2	31.7

The column "All Deaths" consists of all deaths, not just the 13 listed.
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Table 13
Resident Deaths for Black Race by Health Dist: 13 Leading Causes with Rates per 100,000 Population, Virginia, 1999

SEPTICEMIA		CLRD		HOMICIDE & LEGAL		INFLUENZA & PNEUMONIA		PERINATAL		HIV DISEASE		HYPERTENSION	
Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate
13	29.0	11	24.5	6	13.4	13	29.0	9	20.1	3	6.7	5	11.1
8	42.5	7	37.2	3	15.9	11	58.5	6	31.9	3	15.9	1	61.2
9	24.0	12	32.0	8	21.3	7	18.7	4	10.7	3	8.0	7	18.7
3	17.3	5	28.8	1	5.8	4	23.1	1	5.8			2	11.5
6	29.7	7	34.7	7	34.7	3	14.9	3	14.9	3	14.9	5	24.8
7	25.1	4	14.3	6	21.5	4	14.3	2	7.2	3	10.8	3	10.8
1	17.6							1	17.6				
4	27.3	3	20.4	1	6.8	1	6.8	1	6.8	1	6.8	2	13.6
2	33.7	1	16.8	5	84.1	2	33.7			2	33.7	1	16.8
14	34.5	12	29.5	5	12.3	11	27.1	1	2.5	2	4.9	8	19.7
5	43.1	3	25.9	1	8.6	1	8.6					1	8.6
3	18.9	2	12.6	1	6.3	6	37.7					5	31.4
6	45.7	7	53.3	3	22.8	4	30.5			2	15.2	2	15.2
12	30.7	17	43.6	3	7.7	7	17.9	5	12.8	2	5.1	6	15.4
1	25.9	1	25.9									1	25.9
2	29.1							1	14.5			1	14.5
3	59.9	4	79.9	1	20.0							2	40.0
		3	89.0										
1	19.0	2	37.9	1	19.0	1	19.0					1	19.0
2	28.7	5	71.8	1	14.4	5	71.8	2	28.7	1	14.4	1	14.4
3	39.1	2	26.1			1	13.0	2	26.1	1	13.0		
3	6.9	9	20.6			6	13.7	3	6.9	3	6.9		
2	5.2	7	18.2			4	10.4	3	7.8	2	5.2		
1	19.3	1	19.3			2	38.6			1	19.3		
		1	632.9										
7	28.8	2	8.2	3	12.3	10	41.2	2	8.2			1	4.1
		1	20.7			5	103.4						
4	67.2			1	16.8	3	50.4	1	16.8				
3	29.3	1	9.8	2	19.6	2	19.6	1	9.8			1	9.8
11	19.4	20	35.3	9	15.9	4	7.1	13	22.9	7	12.3	8	14.1
39	35.0	43	38.6	66	59.2	29	26.0	20	18.0	25	22.4	11	9.9
7	19.0	8	21.7	5	13.6	6	16.3	4	10.8	1	2.7	2	5.4
3	32.2	4	42.9	1	10.7	2	21.5	3	32.2			1	24.4
2	18.0	1	9.0	2	18.0	4	36.0					1	9.0
1	12.9	1	12.9										
1	21.6	2	43.3	2	43.3					1	21.6		
10	27.0	9	24.3	4	10.8	7	18.9	1	2.7	2	5.4	6	16.2
2	53.6												
2	53.0	1	26.5			1	26.5						
				2	33.6	2	33.6	3	85.4				
1	26.4	1	26.4			1	16.8					3	79.3
3	64.6	3	64.6			1	21.5			1	21.5	1	21.5
1	33.4	1	33.4									1	33.4
1	22.5	1	22.5	1	22.5	1	22.5						
1	36.7											1	36.7
18	24.5	24	32.7	11	15.0	11	15.0	7	9.5	7	9.5	3	4.1
1	9.5	3	28.6			2	19.0	1	9.5				
		1	13.9									1	10.9
		2	21.9	1	10.9								
3	77.4	2	51.6							1	25.8		
2	26.1	1	13.1	2	26.1	1	13.1					1	13.1
2	71.1	1	35.5			1	35.5						
2	30.3	1	15.1	1	15.1			4	60.5	1	15.1		
10	39.1	12	46.9	7	27.4	7	27.4	2	7.8	5	19.6	1	3.9
11	17.3	13	20.5	12	18.9	12	18.9	11	17.3	6	9.4	9	14.2
19	19.7	20	20.7	30	31.0	28	29.0	26	26.9	27	27.9	19	19.7
17	33.5	8	15.8	14	27.6	9	17.7	5	9.8	14	27.6	10	19.7
8	11.8	6	8.8	4	5.9	3	4.4	20	29.4	11	16.2	4	5.9
9	16.2	12	21.6	8	14.4	6	10.8	5	9.0	6	10.8	6	10.8
1	9.4	2	18.9	1	9.4	3	28.3					2	18.9
1	11.2			1	11.2	1	11.2	1	11.2				
1	22.7	2	45.5										
6	19.0	8	25.3	6	19.0	2	6.3	4	12.6	6	19.0	4	12.6
19	32.3	11	18.7	13	22.1	9	15.3	2	3.4	6	10.2	6	10.2
14	15.8	9	10.2	15	16.9	7	7.9	21	23.7	8	9.0	6	6.8
1	10.8	1	10.8	1	10.8			1	10.8			1	10.8
		1	9.6	1	9.6	1	9.6	1	9.6			1	9.6
11	16.5	6	9.0	13	19.6	6	9.0	19	28.6	7	10.5	4	6.0
2	86.3	1	43.2							1	43.2		
5	27.0	6	32.4			6	32.4			2	10.8	1	5.4
4	32.7	4	32.7			3	24.5			2	16.4	1	8.2
1	15.9	2	31.7			3	47.6						

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Table 14
Resident Deaths for API Race by Health District: Fourteen Leading Causes with Rates per 100,000 Population, Virginia, 1999

	All Deaths		MALIGNANT NEOPLASMS		HEART DISEASE		CEREBROVASCULAR		UNINTENTIONAL INJ		DIABETES MELLITUS		NEPHRITIS & NEPHROSIS	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate
State of Virginia	556	215.2	179	69.3	109	42.2	60	23.2	28	10.8	16	6.2	14	5.4
LENOWISCO DISTRICT	1	373.1	1	373.1										
CUMBERLAND PLATEAU														
MOUNT ROGERS DISTRICT	1	179.9							1	179.9				
NEW RIVER DISTRICT	2	43.2			1	21.6	1	21.6						
ALLEGHANY DISTRICT	3	199.3	1	66.4										
ROANOKE CITY	3	303.6	2	202.4					1	101.2				
CENTRAL SHENANDOAH	3	179.4	1	59.8			1	59.8	1	59.8				
LORD FAIRFAX DISTRICT	2	160.6	1	80.3										
ALEXANDRIA DISTRICT	21	299.7	3	42.8	7	99.9	4	57.1	1	14.3			1	14.3
ARLINGTON DISTRICT	34	202.3	10	59.5	6	35.7	5	29.8	1	6.0			1	6.0
FAIRFAX DISTRICT	275	236.1	94	80.7	46	39.5	34	29.2	15	12.9	8	6.9	10	8.6
LOUDOUN	11	192.0	3	52.4	4	69.8			1	17.5				
PRINCE WILLIAM DISTRICT	28	198.6	7	49.6	8	56.7	1	7.1	1	7.1	2	14.2		
RAPPAHANNOCK/RAPIDAN	1	87.6							1	87.6				
THOMAS JEFFERSON	7	169.5	2	48.4			1	24.2			1	24.2		
CENTRAL VIRGINIA														
PITTSYLVANIA/DANVILLE														
WEST PIEDMONT	1	301.2					1	301.2						
SOUTHSIDE DISTRICT														
PIEDMONT DISTRICT														
CHESTERFIELD DISTRICT	17	230.8	9	122.2	3	40.7			1	13.6				
HANOVER DISTRICT	1	143.9					1	143.9						
HENRICO DISTRICT	19	265.5	9	125.8	4	55.9	1	14.0			1	14.0		
RICHMOND CITY DISTRICT	4	176.2	1	44.1	1	44.1	1	44.1						
RAPPAHANNOCK DISTRICT	3	80.5	2	53.6	1	26.8								
THREE RIVERS DISTRICT	3	438.6			1	146.2	1	146.2						
CRATER DISTRICT	3	156.1			2	104.1								
CHESAPEAKE DISTRICT	8	214.9	2	53.7	3	80.6			1	26.9				
NORFOLK DISTRICT	18	208.4	5	57.9	4	46.3	1	11.6			1	11.6	1	11.6
PORTSMOUTH DISTRICT	4	355.6	2	177.8	1	88.9								
VIRGINIA BEACH DISTRICT	59	210.5	15	53.5	14	50.0	3	10.7	2	7.1	3	10.7		
WESTERN TIDEWATER	1	183.5					1	183.5						
HAMPTON DISTRICT	7	205.2	3	87.9			1	29.3					1	29.3
PENINSULA DISTRICT	16	165.6	6	62.1	3	31.1	2	20.7	1	10.4				
EASTERN SHORE														

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Table 14
Resident Deaths for API Race by Health District: Fourteen Leading Causes with Rates per 100,000 Population, Virginia, 1999

	SUICIDE	INFLUENZA & PNEUMONIA		HOMICIDE & LEGAL INTERV	CLRD	SEPTICEMIA	PERINATAL CONDITIONS	ALZHEIMER'S DISEASE	HYPERTENSION	
	Total	Rate	Total	Rate					Total	Rate
State of Virginia	14	5.4	12	4.6	12	4.6	11	4.3	8	3.1
LENOWISCO DISTRICT										
CUMBERLAND PLATEAU										
MOUNT ROGERS DISTRICT										
NEW RIVER DISTRICT										
ALLEGHANY DISTRICT			1	66.4					1	66.4
ROANOKE CITY										
CENTRAL SHENANDOAH										
LORD FAIRFAX DISTRICT		1	80.3							
ALEXANDRIA DISTRICT									1	14.3
ARLINGTON DISTRICT	1	6.0	1	6.0	1	6.0	1	6.0	2	11.9
FAIRFAX DISTRICT	4	3.4	7	6.0	4	3.4	5	4.3	3	2.6
LOUDOUN	2	34.9								
PRINCE WILLIAM DISTRICT			1	7.1			1	7.1		
RAPPAHANNOCK/RAPIDAN										
THOMAS JEFFERSON										
CENTRAL VIRGINIA										
PITTSYLVANIA/DANVILLE										
WEST PIEDMONT										
SOUTHSIDE DISTRICT										
PIEDMONT DISTRICT										
CHESTERFIELD DISTRICT	1	13.6			1	13.6				
HANOVER DISTRICT										
HENRICO DISTRICT		1	14.0							
RICHMOND CITY DISTRICT					1	44.1				
RAPPAHANNOCK DISTRICT										
THREE RIVERS DISTRICT										
CRATER DISTRICT										
CHESAPEAKE DISTRICT						1	26.9		1	26.9
NORFOLK DISTRICT					1	11.6		1	11.6	
PORTSMOUTH DISTRICT										
VIRGINIA BEACH DISTRICT	4	14.3	1	3.6	2	7.1	3	10.7	2	7.1
WESTERN TIDEWATER										
HAMPTON DISTRICT			1	29.3	1	29.3				
PENINSULA DISTRICT					1	10.4				
EASTERN SHORE										

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Table 15
Resident Deaths for Hispanic Ethnicity by Health District: 14 Leading Causes with Rates per 100,000 Population, Virginia, 1999

	All Deaths	MALIGNANT NEOPLASMS	HEART DISEASE	UNINTENTIONAL INJ	CEREBROVASCULAR	PERINATAL CONDITIONS	DIABETES			
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate
State of Virginia	472	177.3	110	41.3	82	30.8	66	24.8	32	12.0
LENOWISCO DISTRICT	2	355.9			1	177.9				
CUMBERLAND PLATEAU	2	229.4								1 114.7
MOUNT ROGERS DISTRICT	5	442.1	3	265.3	1	88.4				
NEW RIVER DISTRICT	8	421.3	2	105.3	2	105.3			1	52.7
ALLEGHANY DISTRICT	9	653.6	4	290.5	3	217.9				
ROANOKE CITY	2	197.8			2	197.8				
CENTRAL SHENANDOAH	15	507.3	1	33.8	3	101.5	5	169.1	1	33.8
LORD FAIRFAX DISTRICT	13	566.0	3	130.6	5	217.7	2	87.1	1	43.5
ALEXANDRIA DISTRICT	22	140.1	3	19.1	3	19.1	2	12.7		4 25.5
ARLINGTON DISTRICT	42	124.1	14	41.4	6	17.7	3	8.9	2	3.0
FAIRFAX DISTRICT	133	145.4	31	33.9	19	20.8	19	20.8	11	12.0
LOUDOUN	3	47.8					2	31.9		
PRINCE WILLIAM DISTRICT	37	167.5	7	31.7	4	18.1	7	31.7	2	9.1
RAPPAHANNOCK/RAPIDAN	4	207.7							2	103.8
THOMAS JEFFERSON	7	251.4	1	35.9	1	35.9	2	71.8	2	71.8
CENTRAL VIRGINIA	5	260.6	1	52.1	1	52.1			1	52.1
PITTSYLVANIA/DANVILLE	2	257.1					1	128.5		
WEST PIEDMONT	6	658.6	2	219.5	1	109.8	2	219.5		
SOUTHSIDE DISTRICT	3	481.5	2	321.0						
PIEDMONT DISTRICT	6	765.3	1	127.6	3	382.7				
CHESTERFIELD DISTRICT	12	224.6	2	37.4	2	37.4	1	18.7		1 18.7
HANOVER DISTRICT	6	631.6			1	105.3				
HENRICO DISTRICT	15	392.8	3	78.6	2	52.4	2	52.4		1 26.2
RICHMOND CITY DISTRICT	5	201.2			1	40.2	2	80.5	1	40.2
RAPPAHANNOCK DISTRICT	10	157.3	4	62.9	2	31.5	1	15.7		
THREE RIVERS DISTRICT	5	341.1			2	136.4	1	68.2		
CRATER DISTRICT	11	313.1	2	56.9	2	56.9	2	56.9	1	28.5
CHESAPEAKE DISTRICT	6	153.4	1	25.6	2	51.1				1 25.6
NORFOLK DISTRICT	13	141.7	5	54.5	2	21.8	1	10.9	1	10.9
PORTSMOUTH DISTRICT	4	214.5			1	53.6				1 53.6
VIRGINIA BEACH DISTRICT	25	124.6	10	49.9	3	15.0	2	10.0	2	10.0
WESTERN TIDEWATER	3	280.1	1	93.4	1	93.4	1	93.4		
HAMPTON DISTRICT	10	253.4	2	50.7	1	25.3	1	25.3		
PENINSULA DISTRICT	19	188.0	4	39.6	5	49.5	5	49.5	3	29.7
EASTERN SHORE	2	208.8	1	104.4			1	104.4		

The column "All Deaths" consists of all deaths, not just the 14 listed.
Therefore, the rows do not add across.

Table 15
Resident Deaths for Hispanic Ethnicity by Health District: 14 Leading Causes with Rates per 100,000 Population, Virginia, 1999

	SUICIDE	CLRD	HOMICIDE & LEGAL INTERV	NEPHRITIS & NEPHROSIS	INFLUENZA & PNEUMONIA	HIV DISEASE	CHRONIC LIVER DISEASE	CONGENITAL ANOMOLIES			
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	
State of Virginia	12	4.5	10	3.8	10	3.8	9	3.4	8	3.0	
LENOWISCO DISTRICT											
CUMBERLAND PLATEAU											
MOUNT ROGERS DISTRICT											
NEW RIVER DISTRICT											
ALLEGHANY DISTRICT											
ROANOKE CITY											
CENTRAL SHENANDOAH	1	33.8	2	67.6					1	33.8	
LORD FAIRFAX DISTRICT											
ALEXANDRIA DISTRICT	1	6.4	1	6.4		2	12.7		2	12.7	
ARLINGTON DISTRICT					1	3.0	1	3.0		3	8.9
FAIRFAX DISTRICT	3	3.3	2	2.2	1	1.1	2	2.2	3	3.3	
LOUDOUN											
PRINCE WILLIAM DISTRICT	1	4.5	1	4.5	2	9.1	1	4.5		1	4.5
RAPPAHANNOCK/RAPIDAN											
THOMAS JEFFERSON											
CENTRAL VIRGINIA							1	52.1			
PITTSYLVANIA/DANVILLE											
WEST PIEDMONT											
SOUTHSIDE DISTRICT	1	160.5									
PIEDMONT DISTRICT					1	127.6	1	127.6			
CHESTERFIELD DISTRICT			1	18.7	1	18.7			1	18.7	
HANOVER DISTRICT			1	105.3	1	105.3		1	105.3		
HENRICO DISTRICT					1	26.2			1	26.2	
RICHMOND CITY DISTRICT					1	40.2					
RAPPAHANNOCK DISTRICT	2	31.5									
THREE RIVERS DISTRICT											
CRATER DISTRICT					1	28.5					
CHESAPEAKE DISTRICT											
NORFOLK DISTRICT	1	10.9					2	21.8	1	10.9	
PORTSMOUTH DISTRICT	1	53.6									
VIRGINIA BEACH DISTRICT	1	5.0	1	5.0	2	10.0					
WESTERN TIDEWATER											
HAMPTON DISTRICT			1	25.3		2	50.7		1	25.3	
PENINSULA DISTRICT								1	9.9		
EASTERN SHORE											

The column "All Deaths" consists of all deaths, not just the 14 listed.
Therefore, the rows do not add across.

Table 16
Resident Deaths for Selective Cancers by Race with Rates per 100,000 Population, Virginia, 1999

	LUNG CANCER							
	WHITE MALE		WHITE FEMALE		BLACK MALE		BLACK FEMALE	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate
State of Virginia	1,797	70.1	1,257	47.5	445	67.2	233	32.3
LENOWISCO DISTRICT	50	116.9	23	50.5				
LEE	11	97.1	7	57.1				
SCOTT	14	129.9	8	69.4				
WISE	23	121.1	8	40.4				
NORTON	2	118.8						
CUMBERLAND PLATEAU	57	100.0	29	48.5			2	187.3
BUCHANAN	7	51.1	6	43.1				
DICKENSON	9	111.5	2	23.5				
RUSSELL	17	122.6	4	27.7			1	609.8
TAZEWELL	24	112.2	17	74.0			1	126.4
MOUNT ROGERS DISTRICT	92	108.1	53	57.6	1	37.9	1	37.3
BLAND	1	29.6						
CARROLL	16	117.9	10	71.5				
GRAYSON	11	142.1	3	37.1				
SMYTH	20	131.6	10	60.2				
WASHINGTON	17	71.8	17	67.9			1	223.2
WYTHE	12	99.7	3	22.7				
BRISTOL	11	161.8	7	80.8	1	201.2		
GALAX	4	147.4	3	90.7				
NEW RIVER DISTRICT	44	61.7	39	53.6	2	50.9	1	25.4
FLOYD	5	78.5	3	46.5	1	543.5		
GILES	10	129.0	6	73.6				
MONTGOMERY	17	47.9	15	44.4				
PULASKI	9	58.6	13	78.9			1	88.3
RADFORD	3	47.7	2	25.6	1	198.8		
ALLEGHANY DISTRICT	58	78.9	39	48.8	3	78.4		
ALLEGHANY	8	135.7	3	51.0				
BOTETOURT	7	51.3	9	65.1				
CRAIG	1	40.4						
ROANOKE	24	65.4	17	41.5				
CLIFTON FORGE			2	104.5				
COVINGTON	6	229.6	2	65.8	2	357.1		
SALEM	12	112.8	6	50.6	1	154.8		
ROANOKE CITY	49	159.8	16	45.0	8	67.2	4	28.4
CENTRAL SHENANDOAH	83	75.1	52	44.9	3	39.0	4	58.6
AUGUSTA	20	68.8	13	44.5	1	58.0	1	116.0
BATH	1	42.6	1	44.2			1	621.1
HIGHLAND			1	80.5				
ROCKBRIDGE	7	75.3	3	31.9			1	284.1
ROCKINGHAM	27	89.0	10	32.0	1	154.3		
BUENA VISTA	2	73.0	4	118.9			1	555.6
HARRISONBURG	6	42.1	3	18.4				
LEXINGTON			4	158.0				
STAUNTON	13	137.3	7	62.2	1	52.2		
WAYNESBORO	7	86.9	6	66.6				
LORD FAIRFAX DISTRICT	82	97.7	44	50.5	6	145.3	2	49.8
CLARKE	3	53.0	4	68.9	4	634.9		
FREDERICK	22	80.3	17	62.2				
PAGE	18	164.2	4	34.9				
SHENANDOAH	9	54.0	9	50.7			1	409.8
WARREN	21	149.2	3	20.7	1	111.6	1	107.6
WINCHESTER	9	98.1	7	67.8	1	75.1		
ALEXANDRIA DISTRICT	16	41.2	15	34.5	9	69.4	4	27.3
ARLINGTON DISTRICT	22	32.7	28	39.9	2	20.9	2	19.8
FAIRFAX DISTRICT	137	35.7	126	31.9	11	28.1	8	20.2
FAIRFAX	130	35.0	120	31.5	11	28.6	8	20.6
FAIRFAX CITY	4	47.6	5	55.5				
FALLS CHURCH	3	72.0	1	21.4				
LOUDOUN	13	19.0	20	29.1	4	62.7	2	29.3
PRINCE WILLIAM DISTRICT	48	36.7	29	23.1	5	24.4	4	19.8
PRINCE WILLIAM	34	30.0	20	18.4	5	27.7	4	22.4
MANASSAS	8	56.8	7	51.4				
MANASSAS PARK	6	175.2	2	57.5				
RAPPAHANNOCK/RAPIDAN	45	81.0	24	42.9	7	62.2	6	56.7
CULPEPER	10	78.4	9	69.3	1	25.5	3	92.0
FAUQUIER	23	96.7	5	21.2	3	84.5	2	55.3
MADISON	3	57.9	2	38.0	1	99.0		
ORANGE	7	67.3	7	64.8	2	92.7	1	44.1
RAPPAHANNOCK	2	59.0	1	30.4				
THOMAS JEFFERSON	51	69.2	35	45.3	12	71.6	7	37.9
ALBEMARLE	17	51.2	10	28.8	5	111.0	1	20.5
FLUVANNA	6	83.9	1	13.9	1	38.3	2	76.7
GREENE	5	74.6	3	44.4				
LOUISA	11	126.5	5	57.0	3	83.0	1	26.4
NELSON	5	92.0	5	89.0				
CHARLOTTESVILLE	7	56.2	11	77.6	3	74.8	3	60.3
CENTRAL VIRGINIA	83	98.3	43	47.2	29	138.8	8	33.4
AMHERST	8	72.6	7	58.1	2	58.5		
APPOMATTOX	7	146.1	2	40.0	3	182.3		
BEDFORD	21	81.0	14	54.0	7	265.4		
CAMPBELL	18	87.8	7	33.3	3	72.7	2	45.7

Table 16
Resident Deaths for Selective Cancers by Race with Rates per 100,000 Population, Virginia, 1999

	LUNG CANCER							
	WHITE MALE		WHITE FEMALE		BLACK MALE		BLACK FEMALE	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate
CENTRAL VIRGINIA (con't)	83	98.3	43	47.2	29	138.8	8	33.4
BEDFORD CITY	4	169.9			1	136.6	2	221.5
LYNCHBURG	25	126.0	13	53.1	13	156.0	4	38.1
PITTSYLVANIA/DANVILLE	43	129.9	21	57.8	15	85.5	5	25.0
PITTSYLVANIA	22	113.5	7	35.2	7	83.1	1	11.2
DANVILLE	21	153.0	14	85.0	8	87.7	4	36.2
WEST PIEDMONT	37	71.7	28	51.5	11	83.1		
FRANKLIN	10	51.3	10	50.3	3	110.3		
HENRY	12	60.5	8	38.2	2	28.3		
PATRICK	9	108.6	5	58.2				
MARTINSVILLE	6	149.0	5	100.5	6	225.5		
SOUTHSIDE DISTRICT	25	112.8	24	103.6	20	99.0	2	9.8
BRUNSWICK	2	56.2	1	31.6	3	46.9		
HALIFAX	15	150.2	10	92.1	9	119.6	2	23.9
MECKLENBURG	8	92.9	13	142.1	8	127.5		
PIEDMONT DISTRICT	38	145.0	22	83.7	14	69.7	12	63.3
AMELIA	5	149.8	3	89.5	2	107.4		
BUCKINGHAM	4	95.9	6	164.3	1	25.5	1	33.8
CHARLOTTE	8	221.9	3	79.5			2	76.6
CUMBERLAND	2	90.5	4	176.0	1	62.6		
LUNENBURG	6	184.2			1	34.2	1	42.6
NOTTOWAY	8	195.8	2	48.4	4	107.5	5	154.1
PRINCE EDWARD	5	90.4	4	67.9	5	136.8	3	74.8
CHESTERFIELD DISTRICT	70	59.1	50	41.1	10	46.5	6	27.0
CHESTERFIELD	57	55.7	41	39.0	9	49.7	4	19.7
POWHATAN	4	44.6	2	24.5	1	30.0	2	108.5
COLONIAL HEIGHTS	9	124.4	7	84.8				
HANOVER DISTRICT	43	89.6	19	38.3	10	84.8	5	40.0
CHARLES CITY	1	106.2			5	216.5	2	79.2
GOOCHLAND	9	156.4			2	72.0	1	31.5
HANOVER	30	82.4	17	44.7	3	60.4	2	38.1
NEW KENT	3	61.5	2	41.6				
HENRICO DISTRICT	75	89.1	64	66.7	13	51.5	13	41.3
RICHMOND CITY DISTRICT	29	83.7	24	58.6	39	78.8	30	48.5
RAPPAHANNOCK DISTRICT	53	53.6	39	39.6	8	44.0	5	26.7
CAROLINE	2	32.2	3	48.4	2	44.2	1	20.9
KING GEORGE	5	74.6	4	60.8	1	51.4	2	92.6
SPOTSYLVANIA	23	62.1	12	32.0	3	54.5		
STAFFORD	14	32.8	15	36.9	1	24.9	1	26.9
FREDERICKSBURG	9	144.2	5	65.2	1	45.8	1	41.1
THREE RIVERS DISTRICT	61	134.1	33	69.6	20	111.5	12	62.8
LANCASTER	5	140.5	6	148.8	3	173.7	1	49.8
NORTHUMBERLAND	5	132.5	3	73.6	3	175.0		
RICHMOND	4	150.9	2	79.2	3	132.5	3	240.2
WESTMORELAND	11	222.1	2	38.2	1	35.6	2	63.8
ESSEX	3	120.6	2	73.0	2	112.8	2	99.4
GOULCESTER	16	105.6	10	65.7	2	93.0	3	120.4
KING AND QUEEN	1	58.5			1	69.8	1	64.0
KING WILLIAM	1	24.6	2	47.6	3	144.8		
MATHEWS	5	133.3	3	75.5	1	147.5		
MIDDLESEX	10	295.6	3	82.5	1	75.7		
CRATER DISTRICT	56	154.2	28	79.1	30	82.0	15	40.8
DINWIDDIE	13	173.6	4	53.2	2	38.9	1	18.6
GREENSVILLE	5	213.6	1	58.3	5	111.7		
PRINCE GEORGE	11	112.2	8	90.7	3	61.3		
SURRY	4	312.3	1	75.9	2	109.5		
SUSSEX	2	74.0			2	48.9	2	56.1
EMPORIA	1	77.5					2	135.0
HOPEWELL	10	131.7	9	113.0	1	31.1	2	58.9
PETERSBURG	10	262.7	5	109.1	15	129.4	8	57.3
CHESAPEAKE DISTRICT	37	55.3	37	54.4	18	59.4	5	15.0
NORFOLK DISTRICT	45	69.2	53	97.4	35	75.3	18	35.9
PORTSMOUTH DISTRICT	28	124.1	21	89.2	23	98.6	12	43.7
VIRGINIA BEACH DISTRICT	93	55.2	68	40.6	11	33.2	4	11.5
WESTERN TIDEWATER	28	88.0	18	56.1	16	61.9	10	33.7
ISLE OF WIGHT	10	106.5	2	21.1	3	61.2	3	52.8
SOUTHAMPTON	2	44.0	2	47.7	3	63.6	1	23.9
FRANKLIN CITY	3	171.9	3	152.3	2	104.7	1	40.2
SUFFOLK	13	80.5	11	66.7	8	55.9	5	28.8
HAMPTON DISTRICT	34	91.6	27	72.1	17	62.6	5	15.8
PENINSULA DISTRICT	58	56.0	55	52.5	24	57.7	12	25.6
JAMES CITY CO	18	102.8	11	60.4	4	92.5	3	61.1
YORK	8	34.8	7	30.5	4	80.5		
NEWPORT NEWS	28	52.8	32	60.6	14	45.0	9	25.5
POQUOSON	1	17.9	3	53.6				
WILLIAMSBURG	3	66.4	2	38.6	2	179.7		
EASTERN SHORE	14	111.9	11	80.2	9	106.8	7	69.3
ACCOMACK	13	137.8	7	67.8	5	89.3	3	45.3
NORTHAMPTON	1	32.5	4	117.9	4	141.4	4	115.2

Table 16
Resident Deaths for Selective Cancers by Race with Rates per 100,000 Population, Virginia, 1999

	PROSTATE CANCER				BREAST CANCER			
	WHITE MALE		BLACK MALE		WHITE FEMALE		BLACK FEMALE	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate
State of Virginia	524	20.4	257	38.8	778	29.4	224	31.0
LENOWISCO DISTRICT	10	23.4			11	24.2		
LEE	3	26.5			5	40.8		
SCOTT	2	18.6			2	17.3		
WISE	5	26.3			3	15.2		
NORTON					1	50.8		
CUMBERLAND PLATEAU	14	24.6			23	38.4	1	93.6
BUCHANAN	2	14.6			6	43.1		
DICKENSON	1	12.4			4	47.1		
RUSSELL	3	21.6			5	34.6	1	609.8
TAZEWELL	8	37.4			8	34.8		
MOUNT ROGERS DISTRICT	21	24.7			33	35.9		
BLAND	1	29.6			2	64.1		
CARROLL	4	29.5			3	21.5		
GRAYSON	2	25.8			3	37.1		
SMYTH	3	19.7			6	36.1		
WASHINGTON	5	21.1			6	24.0		
WYTHE	5	41.5			5	37.8		
BRISTOL	1	14.7			7	80.8		
GALAX					1	30.2		
NEW RIVER DISTRICT	20	28.1			23	31.6	2	50.8
FLOYD	2	31.4			3	46.5		
GILES	1	12.9			4	49.0		
MONTGOMERY	9	25.4			7	20.7	1	56.6
PULASKI	7	45.6			7	42.5	1	88.3
RADFORD	1	15.9			2	25.6		
ALLEGHANY DISTRICT	26	35.4	1	26.1	14	17.5	1	27.4
ALLEGHANY	5	84.8			1	17.0		
BOTETOURT	5	36.7			2	14.5		
CRAIG								
ROANOKE	13	35.5			10	24.4		
CLIFTON FORGE			1	297.6				
COVINGTON	1	38.3					1	177.0
SALEM	2	18.8			1	8.4		
ROANOKE CITY	5	16.3	9	75.6	20	56.3	6	42.5
CENTRAL SHENANDOAH	26	23.5	4	52.0	30	25.9		
AUGUSTA	9	30.9	2	116.0	7	24.0		
BATH					1	44.2		
HIGHLAND	1	81.1			1	80.5		
ROCKBRIDGE	1	10.8			3	31.9		
ROCKINGHAM	8	26.4			11	35.2		
BUENA VISTA	1	36.5						
HARRISONBURG	1	7.0			4	24.5		
LEXINGTON					2	79.0		
STAUNTON	2	21.1	2	104.4	1	8.9		
WAYNESBORO	3	37.2						
LORD FAIRFAX DISTRICT	22	26.2	1	24.2	35	40.1	1	24.9
CLARKE	1	17.7			5	86.2		
FREDERICK	3	11.0	1	139.3	4	14.6	1	163.1
PAGE	4	36.5			8	69.8		
SHENANDOAH	6	36.0			6	33.8		
WARREN	7	49.7			6	41.3		
WINCHESTER	1	10.9			6	58.1		
ALEXANDRIA DISTRICT	12	30.9	2	15.4	15	34.5	6	41.0
ARLINGTON DISTRICT	12	17.8	1	10.4	29	41.3	1	9.9
FAIRFAX DISTRICT	57	14.9	11	28.1	84	21.3	9	22.7
FAIRFAX	52	14.0	11	28.6	82	21.5	9	23.1
FAIRFAX CITY	4	47.6			2	22.2		
FALLS CHURCH	1	24.0						
LOUDOUN	6	8.8	1	15.7	11	16.0	2	29.3
PRINCE WILLIAM DISTRICT	12	9.2	1	4.9	24	19.1		
PRINCE WILLIAM	9	7.9	1	5.5	21	19.4		
MANASSAS	3	21.3			1	7.3		
MANASSAS PARK					2	57.5		
RAPPAHANNOCK/RAPIDAN	13	23.4	3	26.6	24	42.9	5	47.3
CULPEPER	3	23.5	1	25.5	6	46.2	1	30.7
FAUQUIER	6	25.2	1	28.2	10	42.3	1	27.7
MADISON	4	77.2			2	38.0	3	271.5
ORANGE			1	46.4	6	55.6		
RAPPAHANNOCK								
THOMAS JEFFERSON	19	25.8	8	47.7	24	31.1	10	54.2
ALBEMARLE	10	30.1	3	66.6	8	23.0	2	41.0
FLUVANNA	2	28.0			3	41.8	2	76.7
GREENE					2	29.6		
LOUISA	2	23.0	1	27.7	3	34.2	2	52.7
NELSON	3	55.2			2	35.6	2	125.9
CHARLOTTESVILLE	2	16.1	4	99.7	6	42.3	2	40.2
CENTRAL VIRGINIA	13	15.4	12	57.4	21	23.1	7	29.2
AMHERST	2	18.1	3	87.7	2	16.6	2	55.6
APPOMATTOX							1	54.1
BEDFORD	2	7.7	1	37.9	7	27.0		
CAMPBELL	3	14.6	1	24.2	6	28.5		

Table 16
Resident Deaths for Selective Cancers by Race with Rates per 100,000 Population, Virginia, 1999

	PROSTATE CANCER				BREAST CANCER			
	WHITE MALE		BLACK MALE		WHITE FEMALE		BLACK FEMALE	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate
CENTRAL VIRGINIA (con't)	13	15.4	12	57.4	21	23.1	7	29.2
BEDFORD CITY	1	42.5	1	136.6	1	38.1	1	110.7
LYNCHBURG	5	25.2	6	72.0	5	20.4	3	28.6
PITTSYLVANIA/DANVILLE	14	42.3	4	22.8	11	30.3	2	10.0
PITTSYLVANIA	7	36.1	1	11.9	5	25.1	1	11.2
DANVILLE	7	51.0	3	32.9	6	36.4	1	9.0
WEST PIEDMONT	12	23.2	12	90.6	19	34.9	4	27.3
FRANKLIN	6	30.8	2	73.6	4	20.1		
HENRY	6	30.3	6	84.9	7	33.4	2	26.3
PATRICK			3	375.0	4	46.6		
MARTINSVILLE			1	37.6	4	80.4	2	61.0
SOUTHSIDE DISTRICT	5	22.6	12	59.4	7	30.2	5	24.5
BRUNSWICK	1	28.1	6	93.7	1	31.6	2	38.5
HALIFAX	2	20.0	4	53.1	5	46.1	1	11.9
MECKLENBURG	2	23.2	2	31.9	1	10.9	2	29.2
PIEDMONT DISTRICT	5	19.1	9	44.8	14	53.3	5	26.4
AMELIA	1	30.0			4	119.3		
BUCKINGHAM	1	24.0	1	25.5	4	109.5		
CHARLOTTE			2	83.5	2	53.0		
CUMBERLAND							2	112.7
LUNENBURG			1	34.2	1	31.1	1	42.6
NOTTOWAY	1	24.5	3	80.6	1	24.2	1	30.8
PRINCE EDWARD	2	36.2	2	54.7	2	33.9	1	24.9
CHESTERFIELD DISTRICT	13	11.0	4	18.6	33	27.1	3	13.5
CHESTERFIELD	9	8.8	4	22.1	31	29.5	3	14.8
POWHATAN	1	11.1						
COLONIAL HEIGHTS	3	41.5			2	24.2		
HANOVER DISTRICT	8	16.7	6	50.9	20	40.3	5	40.0
CHARLES CITY			2	86.6			1	39.6
GOOCHLAND	1	17.4	2	72.0	4	68.3	1	31.5
HANOVER	7	19.2	2	40.2	15	39.4	1	19.0
NEW KENT					1	20.8	2	129.2
HENRICO DISTRICT	23	27.3	15	59.4	29	30.2	7	22.2
RICHMOND CITY DISTRICT	12	34.6	26	52.5	13	31.8	25	40.4
RAPPAHANNOCK DISTRICT	8	8.1	5	27.5	27	27.4	5	26.7
CAROLINE	1	16.1	3	66.3	4	64.6	3	62.6
KING GEORGE	1	14.9			2	30.4		
SPOTSYLVANIA	4	10.8	1	18.2	10	26.7	1	17.9
STAFFORD	2	4.7	1	24.9	6	14.8	1	26.9
FREDERICKSBURG					5	65.2		
THREE RIVERS DISTRICT	20	44.0	14	78.0	14	29.5	10	52.3
LANCASTER	5	140.5	2	115.8	3	74.4		
NORTHUMBERLAND	1	26.5	1	58.3			1	48.5
RICHMOND							2	160.1
WESTMORELAND	4	80.8	3	106.8	1	19.1	3	95.7
ESSEX			3	169.2	2	73.0	1	49.7
GOLOUCESTER	4	26.4	2	93.0	2	13.1	1	40.1
KING AND QUEEN			1	69.8	1	57.0	1	64.0
KING WILLIAM	1	24.6	1	48.3	1	23.8		
MATHEWS	4	106.6			3	75.5		
MIDDLESEX	1	29.6	1	75.7	1	27.5	1	71.2
CRATER DISTRICT	10	27.5	14	38.3	12	33.9	18	48.9
DINWIDDIE	1	13.4	2	38.9	2	26.6	2	37.3
GREENSVILLE	1	42.7			3	34.0	2	47.0
PRINCE GEORGE								
SURRY	1	78.1	1	54.8				
SUSSEX	2	74.0	2	48.9			1	28.1
EMPORIA	1	77.5			1	66.1		
HOPEWELL	3	39.5	2	62.2	2	25.1	2	58.9
PETERSBURG	1	26.3	7	60.4	4	87.3	11	78.7
CHESAPEAKE DISTRICT	15	22.4	10	33.0	23	33.8	9	27.1
NORFOLK DISTRICT	15	23.1	9	19.4	17	31.2	24	47.8
PORTSMOUTH DISTRICT	10	44.3	11	47.2	4	17.0	12	43.7
VIRGINIA BEACH DISTRICT	20	11.9	13	39.2	44	26.3	7	20.1
WESTERN TIDEWATER	12	37.7	10	38.7	14	43.6	11	37.1
ISLE OF WIGHT	4	42.6	1	20.4	3	31.7	3	52.8
SOUTHAMPTON	1	22.0	2	42.4	3	71.5		
FRANKLIN CITY			2	104.7			2	80.5
SUFFOLK	7	43.4	5	34.9	8	48.5	6	34.6
HAMPTON DISTRICT	8	21.6	11	40.5	5	13.4	11	34.7
PENINSULA DISTRICT	22	21.2	13	31.3	40	38.2	7	14.9
JAMES CITY CO	4	22.8	3	69.4	6	32.9	2	40.8
YORK	2	8.7			8	34.9	1	18.5
NEWPORT NEWS	12	22.6	9	28.9	18	34.1	4	11.3
POQUOSON	2	35.8			4	71.5		
WILLIAMSBURG	2	44.3	1	89.8	4	77.1		
EASTERN SHORE	4	32.0	5	59.3	11	80.2	3	29.7
ACCOMACK	3	31.8	3	53.6	9	87.2	2	30.2
NORTHAMPTON	1	32.5	2	70.7	2	59.0	1	28.8

Table 16
Resident Deaths for Selective Cancers by Race with Rates per 100,000 Population, Virginia, 1999

	CERVICAL CANCER			COLORECTAL CANCER						
	WHITE FEMALE		BLACK FEMALE	WHITE MALE		WHITE FEMALE	BLACK MALE	BLACK FEMALE		
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	
State of Virginia	59	2.2	34	4.7	490	19.1	520	19.7	140	21.1
LENOWISCO DISTRICT	1	2.2			9	21.0	10	22.0		
LEE					2	17.7	2	16.3		
SCOTT	1	8.7			4	37.1	3	26.0		
WISE					3	15.8	5	25.3		
NORTON										
CUMBERLAND PLATEAU	1	1.7			11	19.3	13	21.7		1 93.6
BUCHANAN	1	7.2			2	14.6	4	28.7		
DICKENSON					1	12.4	1	11.8		
RUSSELL					4	28.9	5	34.6		1 609.8
TAZEWELL					4	18.7	3	13.1		
MOUNT ROGERS DISTRICT	3	3.3			16	18.8	20	21.7	2 75.7	
BLAND					1	29.6				
CARROLL					3	22.1	2	14.3		
GRAYSON					1	12.9	1	12.4		
SMYTH	1	6.0			2	13.2	9	54.1		
WASHINGTON	1	4.0			4	16.9	1	4.0	1	225.2
WYTHE	1	7.6			2	16.6	2	15.1	1	196.9
BRISTOL					2	29.4	3	34.6		
GALAX					1	36.9	2	60.5		
NEW RIVER DISTRICT	2	2.8			13	18.2	13	17.9		1 25.4
FLOYD					1	15.7	1	15.5		
GILES					1	12.9	2	24.5		
MONTGOMERY	2	5.9			6	16.9	3	8.9		1 56.6
PULASKI					4	26.1	2	12.1		
RADFORD					1	15.9	5	63.9		
ALLEGHANY DISTRICT	2	2.5			23	31.3	12	15.0	1 26.1	
ALLEGHANY	1	17.0			7	118.7	1	17.0		
BOTETOURT	1	7.2			3	22.0	2	14.5		
CRAIG										
ROANOKE					10	27.3	8	19.5		
CLIFTON FORGE					1	64.6			1	297.6
COVINGTON					1	38.3				
SALEM					1	9.4	1	8.4		
ROANOKE CITY	1	2.8			6	19.6	13	36.6	3 25.2	4 28.4
CENTRAL SHENANDOAH	5	4.3	1	14.6	31	28.1	31	26.8		
AUGUSTA					5	17.2	3	10.3		
BATH					2	85.2	2	88.5		
HIGHLAND					2	162.2				
ROCKBRIDGE					4	43.0	1	10.6		
ROCKINGHAM	3	9.6			7	23.1	11	35.2		
BUENA VISTA										
HARRISONBURG					4	28.0	4	24.5		
LEXINGTON					4	108.6	1	39.5		
STAUNTON	2	17.8	1	60.4	2	21.1	7	62.2		
WAYNESBORO					1	12.4	2	22.2		
LORD FAIRFAX DISTRICT	2	2.3			31	36.9	24	27.5		
CLARKE					5	88.3				
FREDERICK	1	3.7			8	29.2	6	22.0		
PAGE					3	27.4	1	8.7		
SHENANDOAH					6	36.0	9	50.7		
WARREN	1	6.9			5	35.5	5	34.4		
WINCHESTER					4	43.6	3	29.1		
ALEXANDRIA DISTRICT	1	2.3			9	23.2	6	13.8	7 54.0	
ARLINGTON DISTRICT	2	2.8			13	19.3	9	12.8	3 31.3	
FAIRFAX DISTRICT	7	1.8	1	2.5	43	11.2	51	12.9	8 20.4	4 10.1
FAIRFAX	6	1.6	1	2.6	40	10.8	49	12.9	8 20.8	4 10.3
FAIRFAX CITY	1	11.1			2	23.8	2	22.2		
FALLS CHURCH					1	24.0				
LOUDOUN	1	1.5			6	8.8	16	23.3	2 31.4	2 29.3
PRINCE WILLIAM DISTRICT	3	2.4			6	4.6	15	11.9	4 19.6	1 5.0
PRINCE WILLIAM	2	1.8			6	5.3	13	12.0	3 16.6	1 5.6
MANASSAS	1	7.3			2	14.7	1	48.2		
MANASSAS PARK										
RAPPAHANNOCK/RAPIDAN					10	18.0	12	21.4	2 17.8	3 28.4
CULPEPER					1	7.8	2	15.4		2 61.3
FAUQUIER					7	29.4	4	16.9	1 28.2	1 27.7
MADISON					1	19.3	3	56.9		
ORANGE					1	9.6	2	18.5	1 46.4	
RAPPAHANNOCK						1	30.4			
THOMAS JEFFERSON	1	1.3			10	13.6	11	14.2	1 6.0	7 37.9
ALBEMARLE	1	2.9			2	6.0	4	11.5		3 61.5
FLUVANNA					2	28.0				1 38.4
GREENE							3	44.4		
LOUISA					3	34.5	1	11.4		
NELSON					2	36.8	2	35.6		
CHARLOTTESVILLE					1	8.0	1	7.1	1 24.9	3 60.3
CENTRAL VIRGINIA	2	2.2	2	8.4	17	20.1	20	22.0	9 43.1	5 20.9
AMHERST				1 27.8	3	27.2	1	8.3	1 29.2	
APPOMATTOX					2	41.7	1	20.0	1 60.8	
BEDFORD					7	27.0	5	19.3	3 113.7	1 36.4
CAMPBELL	2	9.5			4	19.5	8	38.0		1 22.9

Table 16
Resident Deaths for Selective Cancers by Race with Rates per 100,000 Population, Virginia, 1999

	CERVICAL CANCER				COLORECTAL CANCER							
	WHITE FEMALE		BLACK FEMALE		WHITE MALE		WHITE FEMALE		BLACK MALE		BLACK FEMALE	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate
CENTRAL VIRGINIA (con't)					17		20		9		5	
BEDFORD CITY					1		38.1		2		273.2	
LYNCHBURG					1		4		2		24.0	
PITTSYLVANIA/DANVILLE	3	8.3	1	5.0	8		11		4		1	
PITTSYLVANIA					4		5		3		35.6	
DANVILLE					4		6		1		11.0	
WEST PIEDMONT	3	5.5			13		12		5		3	
FRANKLIN					1		4		1		36.8	
HENRY					6		5		1		14.2	
PATRICK					3		2		1		125.0	
MARTINSVILLE					3		1		2		75.2	
SOUTHSIDE DISTRICT					8		7		6		6	
BRUNSWICK					3		1		1		15.6	
HALIFAX					3		3		1		47.8	
MECKLENBURG					2		3		4		63.7	
PIEDMONT DISTRICT					3		4		7		9	
AMELIA					2		1		1		53.7	
BUCKINGHAM											1	
CHARLOTTE											33.8	
CUMBERLAND											2	
LUNENBURG											1	
NOTTOWAY											1	
PRINCE EDWARD											42.6	
CHESTERFIELD DISTRICT	2	1.6	1	4.5	1		1		2		1	
CHESTERFIELD					16		16		3		2	
POWHATAN					1		3		1		30.0	
COLONIAL HEIGHTS					1		3		2		108.5	
HANOVER DISTRICT	1	2.0			10		8		3		3	
CHARLES CITY											25.5	
GOOCHLAND					1		1		2		63.0	
HANOVER					10		6		2		40.2	
NEW KENT							1		1		19.0	
HENRICO DISTRICT	2	2.1	2	6.4	21		25		4		12.7	
RICHMOND CITY DISTRICT	1	2.4	4	6.5	8		12		7		14	
RAPPAHANNOCK DISTRICT					18		16		4		10.7	
CAROLINE											22.1	
KING GEORGE					1		1		1		36.0	
SPOTSYLVANIA					7		8		3		54.5	
STAFFORD					5		5		1		17.9	
FREDERICKSBURG					3		2		1		26.9	
THREE RIVERS DISTRICT	2	4.2	2	10.5	20		16		5		8	
LANCASTER					4		5		2		99.7	
NORTHUMBERLAND					1		3					
RICHMOND					1		37.7		1		44.2	
WESTMORELAND					2		40.4		1		35.6	
ESSEX					2		80.4		2		112.8	
ESSEX					7		3		1		99.4	
GLoucester					1		46.2		1			
KING AND QUEEN					1		1		1		69.8	
KING WILLIAM					1		26.7				2	
MATHEWS					1		1		1		84.1	
MIDDLESEX					1		29.6		3		1	
CRATER DISTRICT					6		11		11		6	
DINWIDDIE							1		1		13.3	
GREENSVILLE					4		2		1		22.3	
PRINCE GEORGE					1		37.0		3		20.4	
SURRY					1		1				1	
SUSSEX					1		37.0		3		28.1	
EMPORIA					1		67.5		1		13.2	
HOPEWELL					1		1		5		109.1	
PETERSBURG					1		13.4		8		69.0	
CHESAPEAKE DISTRICT					13		9		5		16.5	
NORFOLK DISTRICT	2	3.7	3	6.0	10		12		7		15.1	
PORTSMOUTH DISTRICT					5		10		2		8.6	
VIRGINIA BEACH DISTRICT	4	2.4	2	5.8	27		28		6		18.1	
WESTERN TIDEWATER	1	3.1	3	10.1	9		28.3		6		23.2	
ISLE OF WIGHT					2		21.3		2		40.8	
SOUTHAMPTON					1		23.9		2		42.4	
FRANKLIN CITY					1		1					

Table 16-A
Resident Deaths for Selective Cancers by Race/Ethnicity with Rates per 100,000 Population, Virginia, 1999

Race/Ethnicity/Sex	Lung	Breast	Colorectal	Cervical	Prostate
API Male	20		10		3
API Female	19	10	8	4	
AEA Male	2				1
Hispanic Male	14		3		7
Hispanic Female	8	7	4	3	

DEFINITIONS AND FORMULAS

RESIDENCE – allocated by place of residence of the registrant

OCCURRENCE – allocated by place event occurred, regardless of the person's place of residence

LIVE BIRTH – a birth that shows any sign of life after delivery

Birth Rate – number of live births per 1,000 population

$$\frac{\text{live births}}{\text{population}} \times 1,000$$

Fertility Rate – number of live births per 1,000 females ages 15-44

$$\frac{\text{live births}}{\text{females 15-44}} \times 1,000$$

LOW WEIGHT BIRTH – a live birth weighing less than 2500 grams (5 pounds 8 ounces) regardless of length of gestation

Percent low weight births – number of low weight births per 100 live births

$$\frac{\text{low weight births}}{\text{live births}} \times 100$$

NONMARITAL CHILD BEARING – a live birth, induced termination or spontaneous fetal death to a mother who was not married to the father any time in the previous ten months prior to delivery

Percent out-of-wedlock - $\frac{\text{out of wedlock events}}{\text{total events}} \times 100$

INDUCED TERMINATIONS – deliberate termination of a pregnancy with the purpose of producing a nonviable fetus

NATURAL FETAL DEATHS – spontaneous expulsion of pregnancy which shows no sign of life. Molar and ectopic pregnancies are included.

INFANT DEATHS – death of an infant under one year of age

Infant death rate – infant deaths per 1,000 live births

$$\frac{\text{infant deaths}}{\text{live births}} \times 1,000$$

DEATH RATE – number of deaths per 1,000 population

$$\frac{\text{deaths}}{\text{population}} \times 1,000$$

CAUSE OF DEATH RATE

$$\frac{\text{deaths by specific cause}}{\text{population}} \times 100,000$$